

PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT is made in Johnson County, Kansas, by and between the City of Olathe, Kansas, hereinafter "City," and Thompson Consulting Services, LLC, hereinafter "Consultant" (collectively, the "Parties").

City needs Professional Services in the field of disaster debris monitoring services. Consultant has expertise in said field as described in **Exhibit A (Scope of Services)** attached hereto and incorporated by reference.

City contracts with Consultant for the performing of Professional Services as described herein, in consideration of these premises and of the mutual covenants herein set forth. By executing this Agreement, Consultant represents to City that Consultant is qualified to provide disaster debris monitoring services and is licensed to practice said services by all public entities having jurisdiction over Consultant.

SECTION I - DEFINITIONS

As used in this Agreement, the following terms will have the following meanings unless otherwise stated or reasonably required by the Agreement, and other forms of any defined words will have a meaning parallel thereto.

"Additional Services" means services in addition to those listed in **Exhibit A**.

"City" means the City of Olathe, Kansas, a municipal corporation duly organized under the laws of the State of Kansas, its employees, appointees, and officers.

"Consultant" means the company or individual identified above, herein, and its affiliates, subsidiaries, employees, agents, and assigns.

"Professional Services" means the professional services, labor, materials, supplies, testing, surveying, title work, inspection, if applicable, and all other acts, duties, and services required of Consultant under this Agreement including any Additional Services.

SECTION II - COMPENSATION

A. FEES & EXPENSES

1. Total Fee: City agrees to pay Consultant an amount not to exceed the fees stated in the Fee Schedule in **Exhibit B**, including reimbursable expenses as described herein. The fee is based on the performance of the scope of services outlined in this Agreement, including **Exhibit A** attached hereto and incorporated by reference, and will be billed by Consultant using hourly rates and equipment charges as set forth in **Exhibit B** attached hereto and incorporated by reference, plus reimbursable expenses as set forth below. All bills will be submitted to City monthly as provided herein.

2. Reimbursable Expenses: Consultant may be reimbursed at the actual cost for other costs as set forth in **Exhibit A**.

B. SERVICES BEYOND THE SCOPE OF SERVICES

1. Change in Scope: For substantial modifications in authorized Professional Services when requested by City and through no fault of Consultant, Consultant will be compensated for time and expense required to incorporate such modifications at Consultant's standard hourly rates per **Exhibit A**; provided, however, that any increase in fee for Consultant to complete the services must be approved by City in writing.
2. Additional Services: Consultant will provide Additional Services authorized by a supplemental agreement executed in writing by the Parties. Prior to commencing any Additional Services, Consultant must submit a proposal outlining the Additional Services to be provided, estimation of total hours, completion date, and a maximum fee based upon the rate schedule attached hereto as **Exhibit A**. Payment to Consultant as compensation for Additional Services will be in accordance with the rate schedule attached as **Exhibit A**.

C. BILLING & PAYMENT

1. Billing: Consultant may bill City monthly for completed Professional Services, including reimbursable expenses. The bill submitted by Consultant must itemize the Professional Services and reimbursable expenses for which payment is requested. City agrees to pay Consultant within thirty (30) days of approval by the Governing Body or other agent of City in accordance with the City's Procurement Policy. The bill must be mailed to the attention of Account Payable, City of Olathe, PO Box 768, Olathe, KS 66051-0768 or emailed to apolathe@olatheks.org. The bill must indicate it is for work or expenses under this Agreement (include Agreement date for identification).
2. City's Right to Withhold Payment: In the event City becomes credibly informed that any representations of Consultant provided in its monthly billing are wholly or partially inaccurate, City may withhold payment of sums then or in the future otherwise due to Consultant until the inaccuracy and the cause thereof is corrected to City's reasonable satisfaction. In the event City questions some element of an invoice, that fact will be made known to Consultant immediately. Consultant will help effect resolution and transmit a revised invoice, if necessary. Amounts not questioned by City will be paid to Consultant in accordance with the contract payment procedures.

D. TERM

This contract will be a three (3)-year contract with the option to renew for up to two (2) additional one (1)-year periods upon the written agreement of both parties.

SECTION III - RESPONSIBILITIES OF CONSULTANT

Consultant will perform the Professional Services as described in **Exhibit A**.

A. GENERAL DUTIES AND RESPONSIBILITIES

1. **Personnel**: Consultant will assign only qualified personnel to perform any service concerning the Professional Services as identified in Consultant's proposal (**Exhibit A**). At the time of execution of this Agreement, the Parties anticipate that the following individual will perform as the principal for these Professional Services: Jon Hoyle. This person will be the primary contact with the City and will have authority to bind Consultant.
2. **Service By and Payment to Others**: Any services authorized in writing by City and performed by any party other than Consultant or its subcontractors (a "Third Party") in connection with the Professional Services will be contracted for and paid for by City. In addition to payments for the Third Party's professional services, this may also include necessary permits, licenses, ownership certifications, materials testing, advertising costs, and other special tests or other services required or requested by City or Consultant which are not defined within the scope of services of Consultant as set forth herein. Fees for such extra services will be subject to negotiation between City and the Third Party. Fees will be approved by City in writing prior to the execution of any extra services. Although Consultant may assist City in procuring such services of Third Parties, Consultant will in no way be liable to either City or such Third Parties in any manner whatsoever for such services or for payment thereof.
3. **Subcontracting or Assignment of Services**: Consultant may not subcontract or assign any of the Professional Services to be performed under this Agreement without first obtaining the written approval of City. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge Consultant from any obligation under this Agreement. Any person or firm proposed for subcontracting Professional Services under this Agreement will maintain throughout the duration of the Agreement, insurance as provided in Section V.D.2. herein, and will additionally maintain Professional Liability insurance in a minimum amount of \$1,000,000 per claim and in the aggregate and provide City with an insurance certificate showing the insurance limits provided by Consultant's subconsultant. Any services completed by a City-approved subcontractor of Consultant pursuant to this Agreement may not be increased more than ten percent (10%) over the actual cost of the services.
4. **Standard of Care**: Consultant will exercise the same degree of care, skill, and diligence in the performance of the Professional Services as is ordinarily possessed and exercised by a professional under similar circumstances. If Consultant fails to meet the foregoing standard, Consultant will perform at its own cost, and without reimbursement from City, the Professional Services necessary to correct errors and omissions which are caused by Consultant's negligence.

SECTION IV - CITY OF OLATHE'S RESPONSIBILITIES

A. COMMUNICATION

City will provide to Consultant information and criteria regarding City's requirements for the Professional Services; examine and timely respond to Consultant's submissions; and give written notice to Consultant, who will respond promptly, whenever City observes or otherwise becomes aware of any defect in the Professional Services.

B. DUTIES

City will perform the various duties and services which are outlined and designated in **Exhibit A** as City's responsibility.

C. PROGRAM AND BUDGET

City will provide all relevant information reasonably required for Consultant to perform its obligations herein, including but not limited to City's objectives, schedule, constraints, budget with reasonable contingencies, and other necessary criteria for the Professional Services.

SECTION V - GENERAL PROVISIONS

A. TERMINATION

1. **Notice:** City reserves the right to terminate this Agreement for either cause (due to Consultant's failure to substantially perform its obligations hereunder) or for its convenience and without cause or default on the part of Consultant, by providing fifteen (15) days' written notice of such termination to Consultant. Upon receipt of such notice from City, Consultant will, at City's option as contained in the notice: (1) immediately cease all Professional Services; or (2) meet with City and, subject to City's approval, determine what Professional Services will be required of Consultant to bring the Professional Services to a reasonable termination in accordance with the request of City. If City defaults on its obligations under this Agreement, (due to City's failure to substantially perform its obligations under this Agreement), Consultant must notify City by written notice of its intent to terminate and City will have fifteen (15) days from the date of the notice to cure or to submit a plan for cure acceptable to Consultant. In no event may Consultant terminate the contract solely for its convenience without cause.

Address for Notice:

City of Olathe
Attn: Robert Cole
100 E. Santa Fe
P.O. Box 768
Olathe, KS 66051-0768

Thompson Consulting Services, LLC
Attn: Jon Hoyle
2601 Maitland Center Parkway
Maitland, FL 32751

2. Compensation for Convenience Termination: If City terminates for its convenience as provided herein, City will compensate Consultant for all Professional Services completed and accepted and reimbursable expenses incurred to the date of its receipt of the termination notice and any additional Professional Services and reimbursable expenses requested by City to bring the Professional Services to reasonable termination. Compensation will not include anticipatory profit or consequential damages, neither of which will be allowed.
3. Compensation for Cause Termination: If City terminates for cause or default on the part of Consultant, City will compensate Consultant for the reasonable cost of Professional Services and reimbursable expenses completed and accepted to date of its receipt of the termination notice. Compensation will not include anticipatory profit or consequential damages, neither of which will be allowed. City also retains all its rights and remedies against Consultant including but not limited to its rights to sue for damages, interest and attorney fees.
4. Termination for Lack of Funds: If, for whatever reason, adequate funding is not made available to City to support or justify continuation of the level of Professional Services to be provided by Consultant under this Agreement, City may terminate or reduce the amount of Professional Services to be provided by Consultant under this Agreement. In such event, City will notify Consultant in writing at least thirty (30) days in advance of such termination or reduction of Professional Services for lack of funds.

B. DISPUTE RESOLUTION

City and Consultant agree that disputes relative to the Professional Services will first be addressed by negotiations between the Parties. If direct negotiations fail to resolve the dispute, the Party initiating the claim that is the basis for the dispute may take such steps as it deems necessary to protect its interests; provided, however, that notwithstanding any such dispute, Consultant will proceed with the Professional Services as per this Agreement as if no dispute existed, and City will continue to make payment for Consultant's completed Professional Services; and provided further that no dispute will be submitted to arbitration without both Parties' express written consent.

C. OWNERSHIP OF CONSULTANT DOCUMENTS

Consultant will provide City a copy of all final Consultant Documents, including but not

limited to prints, reproductions, reports, plans, specifications and related documents, which will become the property of City. Consultant's copyrighted instruments will remain in the ownership of Consultant if Consultant identifies them by appropriate markings. If City has paid Consultant in full for its Professional Services, then City may reuse these final documents without any additional compensation or agreement of Consultant. However, such reuse without written verification or adaptation by Consultant for the specific purpose intended by City will be at City's sole risk and without liability or legal exposure to Consultant. City does not take any responsibility for the reuse of documents by others.

D. INSURANCE

1. General: Consultant will maintain, throughout the duration of this Agreement, insurance (on an occurrence basis unless otherwise agreed to) of such types and in such amounts as required in **Exhibit C (City of Olathe Insurance Requirements)**. Consultant will provide certificates of insurance and renewals thereof on forms acceptable to City and in the manner specified in **Exhibit C**. Consultant is required to promptly notify City of a material change or cancellation of any policy listed on the Certificate.
2. Subcontractor's Insurance: If a part of the Professional Services under this Agreement is to be sublet, Consultant will either (a) cover all subcontractors in its insurance policies, or (b) require each subcontractor not so covered to secure insurance which will protect subcontractor against all applicable hazards or risks of loss in the minimum amounts designated herein. If Consultant selects option (b), then Consultant agrees to provide the City's Risk Manager a certificate of insurance acceptable to the Risk Manager at least seven (7) days prior to allowing the subcontractor to perform any Professional Services. Consultant agrees that any subcontractor providing Professional Services without providing a certificate of insurance acceptable to the City's Risk Manager will immediately cease all services under this Agreement and will assume all financial risk associated with such failure thereto.

E. INDEMNITY

1. Loss: For purposes of indemnification requirements, the term "Loss" means any and all loss, damage, liability or expense, of any nature whatsoever, whether incurred as a judgment, settlement, penalty, fine or otherwise (including reasonable attorney's fees and the cost of defense), in connection with any action, proceeding, demand or claim for injury, including death, to any person or persons or damages to or loss of, or loss of the use of, property of any person, firm or corporation, including the parties hereto, which arise out of or are connected with the performance of this Agreement.
2. Indemnification and Hold Harmless: For purposes of this Agreement, subject to the Kansas Tort Claims Act, K.S.A. 75-6101 *et seq.*, Consultant agrees to indemnify, defend and hold harmless City and its agents from any and all Loss where Loss is caused or incurred as a result of the intentional misconduct, recklessness, negligence, or other actionable fault of Consultant or its subcontractors. Neither acceptance of completed

work nor payment therefor nor termination or expiration of this Agreement releases Consultant of its obligations under this paragraph.

3. Comparative Fault & Contributory Negligence: It is a specific element of consideration of this Agreement that the indemnity in Section V.D.2 will apply notwithstanding the joint, concurring or contributory or comparative fault or negligence of City or any Third Party and, further notwithstanding any theory of law including, but not limited to, a characterization of City's or any Third Party's joint, concurring or contributory or comparative fault or negligence as either passive or active in nature; provided, however, that Consultant's obligation hereunder will not include amounts attributable to the fault or negligence of City or any Third Party for whom Consultant is not responsible.
4. Damage Limitations: The indemnification obligation contained in this Agreement will not be limited by any limitation on amount or type of damages, compensation or benefits payable by or for Consultant or its subcontractors, by the minimum insurance required by this Agreement, nor under workers' compensation acts, disability benefit acts, or other employee benefit acts.
5. Negligence by the City: Consultant is not required hereunder to defend City or its agents from assertions that they were negligent, nor to indemnify and hold them harmless from liability based on City's negligence.

F. AFFIRMATIVE ACTION/OTHER LAWS

1. Kansas Act Against Discrimination: During the performance of this Agreement, Consultant agrees that:
 - a. Consultant will observe the provisions of the Kansas Act Against Discrimination (K.S.A. 44-1001 et seq.) and will not discriminate against any person in the performance of work under the present contract because of race, religion, color, gender, disability, national origin, ancestry, or age;
 - b. in all solicitations or advertisements for employees, Consultant will include the phrase, "equal opportunity employer," or a similar phrase to be approved by the Kansas Human Rights Commission ("commission");
 - c. if Consultant fails to comply with the way Consultant reports to the commission in accordance with the provisions of K.S.A. 44-1031 and amendments thereto, Consultant will be deemed to have breached the present contract and it may be canceled, terminated or suspended, in whole or in part, by City without penalty;
 - d. if Consultant is found guilty of a violation of the Kansas Act Against Discrimination under a decision or order of the commission which has become final, Consultant will be deemed to have breached the present contract and it may be canceled, terminated or suspended, in whole or in part, by the contracting agency; and

- e. Consultant will include the provisions of subsections a. through d. in every subcontract or purchase order so that such provisions will be binding upon such subcontractor or vendor.
2. Exceptions to Applicability: The provisions of this Section will not apply to a contract entered into by City with Consultant if (a) Consultant employs fewer than four (4) employees during the term of such contract; or (b) Consultant's contract with City totals Ten Thousand Dollars (\$10,000) or less in aggregate.
3. Kansas Age Discrimination in Employment Act: Consultant further agrees and acknowledges that it will abide by the Kansas Age Discrimination In Employment Act (K.S.A. 44-1111 et seq.) and the applicable provision of the Americans With Disabilities Act (42 U.S.C. 12101 et seq.) as well as all other federal, state and local laws, ordinances and regulations applicable to the Professional Services and to furnish any certification required by any federal, state or local governmental agency in connection therewith.
4. Kansas Fairness in Public Construction Contract Act: The Parties agree and acknowledge that the services provided under this Agreement are within the scope of the Kansas Fairness in Public Construction Contract Act (K.S.A. 16-1901 et seq.) and that no provision of this Agreement waives, alters, or supersedes any provisions of said Act.

G. KANSAS OPEN RECORDS ACT

Consultant acknowledges that City is subject to the Kansas Open Records Act (K.S.A. 45-215, *et seq.*). City retains the final authority to determine whether it must disclose any document or other record under the Kansas Open Records Act and the manner in which such document or other record should be disclosed.

H. ENTIRE AGREEMENT

This Agreement, including all documents and exhibits included by reference herein, constitutes the entire Agreement between the parties and supersedes all prior agreements, whether oral or written, covering the same subject matter. This Agreement may not be modified or amended except in writing mutually agreed to and accepted by both Parties to this Agreement. No form or document provided by Consultant after execution of this Agreement will modify this Agreement, even if signed by both Parties, unless it: 1) identifies the specific section number and section title of this Agreement that is being modified and 2) indicates the specific changes being made to the language contained in this Agreement.

I. APPLICABLE LAW, JURISDICTION, AND VENUE

Interpretation of this Agreement and disputes arising out of or related to this Agreement will be subject to and governed by the laws of the State of Kansas, excluding Kansas' choice-of-law principles. Jurisdiction and venue for any suit arising out of or related to this Agreement will

be in the District Court of Johnson County, Kansas.

J. NO THIRD-PARTY BENEFICIARIES

Nothing contained herein will create a contractual relationship with, or any rights in favor of, any Third Party.

K. INDEPENDENT CONTRACTOR

Consultant is an independent contractor and not an agent or employee of City.

L. COVENANT AGAINST CONTINGENT FEES

Consultant represents that it has not employed or retained any company or person, other than a bona fide employee working for Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gifts, or any other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this representation, City may terminate this Agreement without liability or may, in its discretion, deduct from the Total Fee or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

M. NO SOLICITATION TO HIRE CITY EMPLOYEES

1. No Solicitation to Hire: Except as otherwise provided in this section, during the term of this Agreement and for one year after the Agreement's expiration or termination, Consultant must not solicit to hire and then hire, or solicit to contract with and then contract with, any of the City's current employees involved with the oversight or implementation of this Agreement.
2. No Restriction on City Employees: The foregoing restrictions shall not prevent City employees from affirmatively seeking employment elsewhere.
3. Liquidated Damages: The Parties agree that in the event of a breach of this provision that damages would be uncertain and difficult to accurately estimate. Therefore, if Consultant breaches this provision, Consultant agrees to pay City liquidated damages to the City equal to the annual salary of the applicable employee hired by or contracting with Consultant.

N. COMPLIANCE WITH LAWS

Consultant will abide by all applicable federal, state and local laws, ordinances and regulations applicable to the performance of Professional Services at the time the Professional Services are performed. Consultant will secure all occupational and professional licenses and permits from public and private sources necessary for the fulfillment of the obligations under this

Agreement and upon request will provide City a copy of its certificate of good standing to conduct business in the State of Kansas with this Agreement.

O. FORCE MAJEURE CLAUSE

Neither party will be considered in default under this Contract because of any delays in performance of obligations hereunder due to causes beyond the control and without fault or negligence on the part of the delayed party, including but not restricted to, an act of God or of a public enemy, civil unrest, volcano, earthquake, fire, flood, tornado, epidemic, quarantine restrictions, area-wide strike, freight embargo, unusually severe weather or delay of subcontractor or supplies due to such cause; provided that the delayed party must notify the other party in writing of the cause of delay and its probable extent within ten (10) days from the beginning of such delay. Such notification will not be the basis for a claim for additional compensation. The delayed party must make all reasonable efforts to remove or eliminate the cause of delay and must, upon cessation of the cause, diligently pursue performance of its obligation under the agreement.

P. TITLES, SUBHEADS AND CAPITALIZATION

Titles and subheadings as used herein are provided only as a matter of convenience and will have no legal bearing on the interpretation of any provision of this Agreement. Some terms are capitalized throughout this Agreement but the use of or failure to use capitals has no legal bearing on the interpretation of such terms.

Q. SEVERABILITY CLAUSE

If any provision of this Agreement is determined to be void, invalid, unenforceable or illegal for whatever reason, such provision(s) will be null and void; provided, however, that the remaining provisions of this Agreement will be unaffected and will continue to be valid and enforceable.

R. AMBIGUITY CLAUSE AND HIERARCHY OF INTERPRETATION

If any ambiguity, inconsistency or conflict arises in the interpretation of this Agreement, the same will be resolved by reference first to the terms and conditions of this Agreement, and any exhibits attached hereto or incorporated by reference as noted below. In the event of any conflict or inconsistency between this Agreement and its exhibits, the following hierarchy of interpretation will apply:

1. This Agreement;
2. Scope of Services (Exhibit A);
3. City's Request for Proposals (incorporated by reference);
4. Consultant's Response to RFP (incorporated by reference).

[The remainder of this page is intentionally left blank.]

S. EXECUTION OF CONTRACT

The parties hereto have caused this Agreement to be executed this _____ day of _____ 20____.

CITY OF OLATHE, KANSAS

By: _____
Mayor

ATTEST:

City Clerk

(SEAL)

APPROVED AS TO FORM:



City Attorney or Deputy/Assistant City Attorney

Thompson Consulting Services, LLC

By: 

Jon Hoyle, President
2601 Maitland Center Parkway
Maitland, FL 32751

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EXHIBIT A

Scope of Services

1. SCOPE OF WORK

The City of Olathe requires disaster management, recovery, and consulting services to support the oversight and management of debris recovery and removal contractors. Other services include, but are not limited to, facilitating communication with FEMA, the State of Kansas and other regional, local and federal agencies. It is the intent of this Request for Proposal (RFP) to obtain fixed price proposals from firms specializing in Storm Debris Monitoring Services. The intent is to execute a pre-event contract, which would result in no immediate cost to the CITY and would be in effect for a period of three years with the option of additional contract periods.

The successful contractor shall provide all labor, materials and equipment required to complete the work. Federal Emergency Management Agency (FEMA) financial assistance will be used to fund the contract. Contractor will be required to be familiar with current applicable Federal, State, County, and Municipal laws, regulations, statutes, ordinances, executive orders, and directives including, but not limited to, the following: Federal Emergency Management Agency (FEMA), U.S. Environmental Protection Agency (USEPA), Resource Conservation and Recovery Act (RCRA), and Occupational Safety and Health Administration (OSHA).

2. OVERVIEW

The City of Olathe is vulnerable to:

- Natural disasters such as tornadoes and flooding; and,
- Manmade disasters such as railroad related incidents that may result in oil spills, hazardous material spills or releases, etc.

Disasters most often produce substantial volumes of debris, creating hazardous conditions to the public health, welfare and safety, which result in disruption of essential physical and economic life of the community. These disruptions are caused by:

- Obstructed roadways.
- Environmental offenses resulting from natural and manmade hazardous material spills or releases, the resulting contaminations of soils, ground and surface waterways and potential sources for air pollution.
- Obstacles to safe passage of essential pedestrian, vehicular and railroad traffic.

It is mandatory that there be an early, safe and quick response to restoring environmentally safe and economically viable conditions to the disaster affected areas. This objective has the highest priority in the City's planning and its ability to deal with all damage.

Disasters will result in large expenditures of manpower, equipment and related materials and supplies, at substantial cost to the City.

It is imperative that the City of Olathe be prepared to provide all necessary disaster recovery services and have the means to recover all eligible costs from State and Federal Agencies that have funds to assist local governments to cope with all natural and manmade disasters.

3. GENERAL REQUIREMENTS

The Contractor must perform all necessary services in connection with environmental response service requests by the City outlined as follows:

- 3.1. The City of Olathe seeks to establish contractual arrangements with at least one (1) or more qualified firms to monitor disaster debris recovery efforts and provide related technical assistance, on an as-needed basis, to provide disaster recovery monitoring expertise and services to assist the City to monitor the removal, reduction and environmentally approved disposal of debris and other obstacles resulting from these disasters; in full compliance with local, state and federal regulatory agency requirements and consistent with Federal Emergency Management Agency (FEMA) requirements for cost reimbursement for debris management, removal and disposal.

- 3.1.1. Work assignments shall be made by requesting a proposal from one or more firms and the issuance of a Purchase Order for the assigned task.
- 3.2. The selected monitoring firm's response to the recovery process must be immediate, rapid, efficient, with acceptable cost controls, accountability procedures, with written reports and submittals in place to assure that the City will have the means to be reimbursed for all eligible disaster recovery costs from appropriate Federal and State Agencies. The Contractor shall mobilize personnel for this task and shall be fully mobilized to begin debris monitoring operations within 72 hours following the day of the disaster. Debris monitoring work within the City will be prioritized by the City of Olathe. The selected firm shall be responsible for providing all necessary staff and equipment for carrying out its responsibilities under this contract.
- 3.3. The selected firm(s) must be prepared to carry out the assigned tasks in compliance with the applicable provisions of City of Olathe's of the City's Disaster Debris Management Plan."
- 3.4. The purchase orders to the selected firm(s) may include, but not be limited to Monitoring Activities pursuant to Local, State, and Federal Rules and regulations and City's requirements, assistance and input to the updates to the above-mentioned plans as needed, as well as new purchase orders for financial modeling and monitoring for advance forecast and readiness plan/planning as assigned may be requested by the City
- 3.5. The selected firm(s) may be allowed to subcontract project monitoring; such monitoring may include detailed web-based cost and load tracking suitable for a comprehensive audit of debris removal.
- 3.6. The City may, at its discretion, limit the number of subcontract firms working under the prime or sub- prime contractor at its sole discretion to ensure safety and quality of work provided.
- 3.7. The Contractor shall provide the City with an updated list of all subcontractors including phone numbers of contact personnel.
- 3.8. Prior to the City assigning work, the Contractor shall provide the City with an affidavit from each subcontractor stating there is a signed contract between the Contractor and subcontractor.
- 3.9. In its proposal to the City, the Contractor will provide information as to what percentage of work described herein will be subcontracted
- 3.10. The Contractor shall be responsible for travel, per diem, housing and meals for all of its employees and/or subcontractors. The Contractor will also be responsible for providing temporary office space for conducting its Work responsibilities for this project.
- 3.11. If the selected Firm(s) for monitoring of debris recovery elect/s to provide a web-based load tracking and field project monitoring system, a detailed project-monitoring proposal shall also be included. Monitoring shall be done in compliance with FEMA guidelines. Those monitoring efforts shall include, but not be limited to:
 - 3.11.1. Providing assistance in updating the City's Debris Management and Removal plan.
 - 3.11.2. Provide planning, training, exercises in essential debris management, monitoring, and collection functions to insure appropriate and responsive interface with field debris collection contractors and City, State and Federal Agencies. Also operate in coordination with the City and County's contracted Debris Management, Hazmat and Remediation Contractors.
 - 3.11.3. Provide field inspectors at designated checkpoints to check and verify information on debris removal and at Temporary Debris Storage Reduction Sites (TDSRS) located or developed throughout City of Olathe or the region, if necessary, as approved by the City.
 - 3.11.4. Provide technical and permitting assistance associated with the need to locate additional TDSRS when requested by The City of Olathe.
 - 3.11.5. Provide assistance with scheduling, dispatching and logistical operations of the field inspectors assigned to work areas of storm debris clean up. This work will include:
 - 3.11.5.1. Acquiring, hiring, training, deploying and supervising properly equipped inspectors.
 - 3.11.5.2. Establishing the schedule for inspectors for each day.
 - 3.11.5.3. Monitoring and recording the volumetric measurement (cubic yards) or

gross empty weight of each truck that is added into service.

- 3.11.5.4. Keeping records of contract hauler's trucks, to include cubic yardage, or loaded weight, time in and time out, number of loads per day and other data as requested by designated City staff.
 - 3.11.5.5. Determining truck assignments and providing the necessary vehicle decals or placards for ease of identification and tracking.
 - 3.11.5.6. Coordinating with City personnel to respond to problems in the field, to include residential or commercial property damage claims in the process of debris removal. Contractors(s) shall establish a telephone claim reporting system with a local or toll-free phone number and provide staff for the professional management of a receiving phone complaints or damage claims. The contractor shall investigate and assist in documentation of claims if requested by the City.
 - 3.11.5.7. Conducting end of day duties, such as verifying all trucks have left the disposal site, addressing daily safety reports and corrective action recommendations, and locking down of the facility.
 - 3.11.5.8. Surveying the affected areas for special situations or emergent needs, to include but not be limited to, identifying tree stumps and the management of root balls and associated cavities, hazardous trees, C&D debris, hazardous materials, debris from historically significant sites, or other potentially hazardous situations. The contractor must keep a list of these locations, track and coordinate the appropriate dispatch of equipment and make frequent reports to the City on any post event remedial action.
 - 3.11.5.9. Record on a map the streets where debris was collected.
 - 3.11.5.10. Perform other duties as directed by the designated City personnel.
- 3.12. The Firm(s) will provide technical, clerical, and information technology assistance to the City in completing any and all forms necessary for reimbursement from State or Federal agencies, including the Federal Emergency Management Agency Department of Homeland Security, the State of Kansas, and the Federal Highway Administration or the Department of Housing and Urban Development (HUD) relating to eligible costs arising out of the disaster recovery effort. This may include, but is not limited to, the timely completion and submittal of reimbursement requests, preparation and submittal of any and all necessary cost substantiations and preparing replies to any and all agency requests, inquiries or potential denials.
- 3.13. The Firm(s) will employ or maintain on the work site(s) a qualified accessible supervisor(s) or liaison officer as directed. At least one (1) accessible and designated supervisor in the area of operation and the liaison officer shall have full authority to act on behalf of the Firm(s) and its subcontractors and all communications given to the supervisor or liaison officer in writing by the City's authorized representative shall be as binding as if given to the Firm(s). This supervisor will report to the Debris Project Manager.
- 3.14. The Firm(s) will assist City staff and other contracted contractors in conducting an annual tabletop exercise(s) to determine the adequacy of the debris removal plan and debris management process.

4. COMMUNICATIONS AND CUSTOMER SERVICE COORDINATION

The Firm(s) shall develop a Communications and Customer Service Coordination Plan for the City's approval including a telephone claim reporting system.

5. STAFFING REQUIREMENTS – CONTRACTOR

- 5.1. The Contractor represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the City.
- 5.2. All of the services required herein under shall be performed by the Contractor or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.
- 5.3. The Contractor warrants that all services shall be performed by skilled and competent

personnel to the highest professional standards in the field.

6. STAFFING REQUIREMENTS – CITY

- 6.1. The City reserves the right to immediately remove any personnel with or without cause that are deemed unsuitable for the City's recovery effort. Personnel subject to removal under this clause are City staff full time, part-time or temporary; Primary Contractor staff and/or sub-contractor staff.
- 6.2. The City will provide a Debris Project Manager to act as Liaison between City staff, FEMA, and Contractor. This person will oversee the City's interest in the entire storm debris removal operation and assure FEMA and contract compliance.

7. QUALIFYING CONDITIONS

- 7.1. Respondents must have a dedicated line for a facsimile machine and/or email address available twenty- four (24) hours a day to expedite quotes for emergency orders.
- 7.2. Must have at least three (3) years of experience in Debris Monitoring Services
- 7.3. Respondent must have all current, necessary licenses to perform all the work described in the RFP (if applicable)
- 7.4. All vehicles belonging to Respondent, or their subcontractors, must be in compliance with all applicable Federal, State, and local rules and regulations
- 7.5. Respondents must have fully qualified, trained, and licensed staff performing the duties described in the RFP
- 7.6. Respondents must be in good standing (not debarred or suspended) with the Federal government. See the SAM's list website to determine your eligibility.
<https://www.sam.gov/SAM/pages/public/searchRecords/search.jsf>

Electronic Submission

City of Olathe, Kansas

Request for Proposals No. 25-0070

Debris Monitoring Services

Due Date / Time: January 5, 2026 | 10:00 am



thompson
CONSULTING SERVICES

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City of Olathe, Kansas

Request for Proposals No. 25-0070

Debris Monitoring Services

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¹ As requested, Thompson has completed and included all required forms as a separate upload within the City’s online bid system.

² As requested, Thompson has provided a fee proposal structure as a separate upload within the City’s online bid system.

SECTION 1

Cover Letter

January 5, 2026

City of Olathe
Attn: Lindsay Jarrett
100 E. Santa Fe, P.O. Box 768
Olathe, KS 66051

Submitted electronically to www.olatheks.bonfirehub.com

RE: REQUEST FOR PROPOSAL NO. 25-0070 – DEBRIS MONITORING SERVICES

Dear Members of the Selection Committee,

Thompson Consulting Services, LLC (Thompson) is pleased to submit the enclosed proposal to provide the City of Olathe, Kansas (City) with professional debris monitoring services. Thompson is a full-service emergency management planning, response, disaster recovery and grant management consultancy. Our consultants have over **75** years of combined experience in supporting local and state agencies in response to hurricanes, tornados, floods, ice storms, wildfires, earthquakes, rockslides, oil spills and other natural disasters. Our approach to providing disaster response, assessment, and recovery services maintains a primary focus on the efficient and effective utilization of resources while assisting our clients with navigating the funding channels of the Federal Emergency Management Agency's (FEMA) Public Assistance (PA) program as well as other post-disaster grant programs. We believe Thompson is best suited to assist the City with disaster debris monitoring services for the following reasons:

POST-DISASTER DEBRIS REMOVAL MANAGEMENT & FEMA FUNDING EXPERIENCE: Thompson's experience with post-disaster debris removal monitoring and management services spans three decades and accounts for the administration of more than **\$5.5** billion of debris removal funding on behalf of more than **390** local and state government agencies. Thompson's consultants are amongst the most educated, qualified, and dynamic in the industry, having responded to some of the most devastating incidents to impact the United States. This experience means the City can rest assured that its disaster reimbursement is in the hands of the industry's most qualified professionals, and we will stand by our work from project inception to regulatory closeout and audit.

STATE OF KANSAS & CITY EXPERIENCE: Thompson has served as the City's debris monitor for the last **3** years, attending annual exercises and facilitating emergency response and safety planning ahead of future debris-generating events. Thompson's experience extends to the State's capital, the City of Topeka, where Thompson provided disaster debris removal monitoring services and substantiated approximately **62,530** cubic yards within **30** days of activation. Thompson understands the diverse geography of the state, including potential operational challenges, hazards, and vulnerabilities following a catastrophic natural event. Thompson is well positioned to work closely with the City, the Kansas Division of Emergency Management (KDEM), and the Kansas Department of Transportation (KDOT) to implement an efficient debris removal monitoring program.

DELIVERY EFFICIENCY & TECHNOLOGY SOLUTIONS: Thompson's debris removal monitoring experience includes documentation of over **165** million cubic yards of debris. We have consistently demonstrated Thompson's delivery efficiency using our **automated debris management system** (ADMS), the Thompson

Data Management Suite (TDMS). TDMS is used to electronically capture data in the field and supports accurate and timely reporting. TDMS significantly reduces the quantity of hours required to perform equivalent services by competitors with “lower” hourly rates. Additionally, Thompson offers expanded **geospatial services** through geographic information system (GIS) resources and capabilities to enhance program management. This includes advanced gathering, managing, and analyzing data to provide spatial location information such as project boundaries and roadway maintenance responsibility designations, progress mapping and customized dashboards. Thompson also utilizes 2D/3D aerial imagery and AI modeling to provide geospatial intelligence to better understand post disaster impacts and recovery needs.

ABILITY & EXPERIENCE OF PROFESSIONAL PERSONNEL: Thompson provides the City with professional engineers and consultants that have experience with developing programs to address any of the following disaster recovery programs that may be required following a disaster event:

- Right-of-way (ROW) debris removal
- Right-of-way leaning tree and hanging limb removal (leaner/hanger)
- Parks, beaches, and waterways cleanup
- Private property debris removal (PPDR)
- Right-of-entry (ROE) administration
- Demolition program management
- Vehicle/vessel recovery
- White goods removal and decommissioning

LOCAL PREFERENCE FOR HIRING MONITORS: It is Thompson’s intent to fill temporary debris monitoring positions with City residents in need of work. Thompson will provide qualified residents with safety training and job training with experienced debris monitoring supervisors. We will make sure that all local hires are thoroughly and properly trained prior to being deployed to monitor a debris removal crew. This effort will help residents participate in the City’s recovery efforts with a **meaningful impact** and earn a **competitive hourly wage**.

COMMITMENT TO SAFETY & QUALITY: Thompson is the **only** debris monitoring firm that performs motor vehicle operating record reviews and as-needed drug screening for temporary employees. This practice results in a team of monitors that is both safe and committed to quality. In addition, Thompson deploys a quality assurance team to each of its projects to ensure that certain quality standards are being upheld, regardless of the operating conditions and climate.

Thompson has the experience and resources necessary to be responsive to the City’s debris monitoring needs following a disaster incident. We stand prepared to guide the City through the debris removal and recovery process while working with the KDEM and the FEMA Public Assistance program to achieve maximum disaster recovery cost reimbursement for the City. We would be honored to serve as your debris monitoring services provider and stand prepared to exceed the City’s service expectations.

Best regards,

THOMPSON CONSULTING SERVICES, LLC



Jon Hoyle, President

AUTHORIZED POINTS OF CONTACT:

Jon Hoyle, President
O: 407.792.0018 | C: 321.303.2543 | F: 407.878.7858
E-mail: jhoyle@thompsoncs.net

Nate Counsell, Executive Vice President
O: 407.792.0018 | C: 407.619.2781 | F: 407.878.7858
E-mail: ncounsell@thompsoncs.net

SECTION 2

General Information

Firm Overview

Thompson Consulting Services, LLC is a full-service emergency response, disaster recovery and grant management consultancy, organized as a subsidiary of Thompson Holdings, Inc. (Thompson) which also includes our wholly owned affiliate companies Thompson Engineering, Inc., and Watermark Design. Thompson offers an array of services through our family of companies, from specializing in debris removal monitoring and documentation, grant application and development, infrastructure, and housing mitigation; to full service engineering, environmental consulting, surveying, and construction support services; and a full complement of architectural, planning and interior design services.

What began as a small company doing basic soils and materials testing in Mobile, Alabama has since grown into a national corporation with corporate and branch offices throughout the southeastern United States. Our ongoing success, strong growth, consistent project delivery and commitment to **100%** client satisfaction can be traced back to when our founder, Vester J. Thompson, established the high standards that lay the foundation of our work ethic. These standards of excellence in workmanship; innovative solutions; timely, responsive service; and cost effectiveness are still upheld today.

As a **100%** employee-owned company with more than **650** personnel spanning the consulting, engineering and architecture disciplines, commitment to these standards ensures a universal threshold for project quality. Our staff has a vested interest in providing safe, quality driven, successful projects that are completed on time and within budget.

Thompson Consulting Services will serve as the contracting entity for the services requested by the City of Olathe, Kansas (City).

Years of Experience

Thompson was founded in **1953** and has supported various local, state, and federal entities, including the United States Army Corps of Engineers (USACE), throughout the Nation conduct monitoring, QA/QC, and inspection services for a variety of engineering, construction, environmental, and disaster recovery projects. In **2011**, Thompson Consulting Services, LLC was formed to focus solely on disaster preparedness, response, and recovery service offerings, including debris removal monitoring. Thompson brings over **73** years of experience to the City through our family of companies and personnel.

THOMPSON FAMILY OF COMPANIES



State of Incorporation / Office Locations

Thompson is a Limited Liability Company incorporated in the State of Delaware and headquartered in Maitland, Florida. With 26 corporate and satellite offices scattered throughout the Southeast United States, Thompson has the resources and capabilities to support the City's disaster debris monitoring needs from near and afar.

The City's contract will be serviced from Thompson's corporate office in Maitland, Florida. In addition, Thompson is experienced and capable of establishing a field office within the City should the need arise.

Thompson has provided our full list of office locations below.

- Atlanta, Georgia
- Baton Rouge, Louisiana
- Chattanooga, Tennessee
- Clarksville, Tennessee
- Dallas, Texas
- Dothan, Alabama
- Evergreen, Alabama
- Harriman, Tennessee
- Helena, Alabama
- Houston, Texas
- Jackson, Mississippi
- Kenner, Louisiana
- Knoxville, Tennessee
- Lake Charles, Louisiana
- Maitland, Florida
- Metairie, Louisiana
- Millington, Tennessee
- Mobile, Alabama
- Moss Point, Mississippi
- Orange, Texas
- Pelham, Alabama
- Pensacola, Florida
- Richland, Mississippi
- Savannah, Georgia
- Troy, Alabama
- Tuscaloosa, Alabama

Mobile Office Capabilities

Thompson knows immediately following a disaster incident access to a project operations office and communications infrastructure is critical to building a local workforce, however with the potential for office facilities and hotels being damaged in the event, it is imperative to have a reliable alternative. Therefore, Thompson has invested in a fully functional mobile field office that can be utilized to implement initial debris removal monitoring operations regardless of environmental conditions.

We can travel directly to impacted communities and implement onboarding and equipment staging from the mobile field office, and with integrated satellite capabilities, our mobile office can serve as a communication center. Thompson's mobile field

FIRM DATA SUMMARY

FIRM NAME

Thompson Consulting Services, LLC

ADDRESS

2601 Maitland Center Parkway
Maitland, Florida 32751

PHONE | FAX

407-792-0018 | 407-878-7858

WEBSITE

www.thompsoncs.net

EMAIL

info@thompsoncs.net

YEAR ESTABLISHED

2011

STATE OF FORMATION

Delaware

FEDERAL ID NO.

45-2015453

SAM UEI | CAGE CODE

QE8ZDM1CLE77 | 7N242

DUNS NO.

968677158

E-VERIFY ID

1111126

OFFICERS

Jon Hoyle, President
Nate Counsell, Executive VP
John H. Baker, III, BOM
Chad Brown, BOM

office is also beneficial when trying to onboard field personnel and establish field operations in remote locations.

Thompson deployed our mobile field office following Hurricanes Laura, Sally, Delta, and Zeta in 2020, Hurricane Ida in 2021, Hurricane Ian in 2022, and Hurricanes Beryl, Milton and Helene in 2024.

Organizational Structure

Thompson’s team of disaster response and recovery consultants bring over 75 years of experience in disaster response program management including responding to some of the most devastating incidents to impact the United States in the last four (4) decades. We are well versed in the understanding and implementation of the National Incident Management System (NIMS) / Incident Command System (ICS).

During instances of disaster Thompson implements our Incident Command System (ICS) which enables our team of managers to identify the key concerns associated with the incident—often under urgent conditions—without sacrificing attention to any component of the command system. Thompson’s ICS is structured to facilitate communication and activities in four major functional areas:

Planning: provides modeling and forecasting of debris estimates and resource needs

Logistics: planning and coordination through various purchasing channels to ensure timely delivery of resources, to include personnel and equipment

Operations and Information Systems: field operations delivery to include deployment and utilization of Thompson automated debris management system, the Thompson Data Management Suite (TDMS)

Finance and Administration: ensure resource availability to the other sections (internal) and vendors/suppliers (external) as well as ensures documentation sufficiency for accounting purposes Thompson has also applied NIMS and ICS principals to our project operations, especially when managing large-scale debris removal projects, projects with state agencies that have multiple locations and varying levels of stakeholder participation, and projects with multiple teaming partners. Applying a framework for command, control and coordination establishes an understanding of project roles and responsibilities and yields better communication and efficiencies throughout the project.

A full Organizational Chart including key personnel assignment and resumes has been provided in Section 7, Key Personnel

Simultaneous Contract Activations / Managerial Capabilities

Thompson can deploy resources quickly and efficiently in disaster situations across the country and following major disaster events that require simultaneous multi- state, region, and local level contract activations. The following table summarizes Thompson’s response to recent major disaster events requiring simultaneous contract activations.

Table 2-1: Major Disaster Events and Simultaneous Contract Activations

| Disaster Event | Contract Activations |
|--|----------------------|
| 2024 Hurricanes Beryl, Debby, Helene, and Milton | 72 |
| 2023 Hurricane Idalia | 7 |
| 2022 Hurricane Ian | 30 |
| 2021 Hurricane Ida | 10 |

| Disaster Event | Contract Activations |
|---|----------------------|
| 2020 Hurricanes Laura, Sally, and Zeta | 17 |
| 2018 Hurricane Michael | 6 |
| 2017 Hurricanes Harvey, Irma, and Maria | 54 |
| 2016 Hurricane Matthew | 27 |

We recognize that each disaster situation is going to be different. Although we will always be able to leverage our extensive experience and capabilities, we will also have to be prepared to draw on resources intelligently, prioritize efficiently, and act decisively when facing new challenges. In order to do this, Thompson promotes a collaborative working relationship with our clients and their debris removal contractors.

Recent disaster incidents, including Hurricanes Beryl, Debby, Helene, and Milton in 2024, Hurricane Ian in 2022, Hurricane Ida in 2021, Hurricanes Laura, Sally, and Zeta in 2020, Hurricane Florence and Michael in 2018, Hurricanes Harvey, Irma, and Maria in 2017, and Hurricane Matthew in 2016 have tested and enhanced Thompson's managerial capabilities across the United States.

Logistic Considerations: When addressing a multi-state disaster response such as Hurricane Matthew, Thompson's debris removal monitoring assignments were extended over a large area including south central Louisiana and spanning nine hundred (900) miles along the Atlantic coast from Palm Beach County, FL to Norfolk, Virginia. To address client specific field personnel and equipment needs, Thompson implemented several operational hubs in six (6) states with logistical support to all projects.

Large Scale ADMS Deployment to Monitor All Types of Debris Collection: Thompson's ADMS deployment following Hurricanes Beryl, Debby, Helene and Milton in 2024 was one of the largest simultaneous ADMS deployments in history, with over 3,000 units deployed to over 72 work locations. Thompson's ADMS units were configured to monitor the collection of over 32 million cubic yards of disaster related debris. Thompson's ADMS system (*TDMSmobile*) has been configured to monitor the removal of vegetative, construction and demolition (C&D), white goods, household hazardous waste, animal carcasses, sand, waterway, and private property debris removal.

Staffing Execution Plan: Thompson maintains a professional recruiting and staffing department in house so that we can respond quickly and efficiently to surge staffing demands. We maintain a network of over 1,000 potential field monitors on call to supplement monitors sourced locally. When recently tasked with ramping up quickly, efficiently, and simultaneously over a six (6) state area following Hurricane Helene, Thompson relied on dedicated resources that assisted in the ramp-up process. We did not, and do not currently, rely on any third-party staffing firms that do not understand the disaster business. This is critical to our success when responding to small- and large-scale mobilizations.

Thompson is extremely proud of our response time record and our ability to deploy resources quickly and efficiently in disaster situations across the country. As an example of our staffing abilities, we have summarized our response times to previous disasters and resources deployed in the following table.

Table 2-2: Previous Response Times and Field Staff Deployed

| Disaster | Year | Number of Clients | Response Time | Field Staff Hired |
|--|------|-------------------|---------------------------|-------------------|
| Hurricane Milton (FEMA DR-4834) | 2024 | 28 | Within 12-24 hours of NTP | 2,690 |
| Hurricane Helene (FEMA DR-4827 - 4831) | 2024 | 33 | Within 12-24 hours of NTP | 3,110 |
| Hurricane Beryl (FEMA-DR-4738) | 2024 | 11 | Within 12-24 hours of NTP | 2,130 |

| Disaster | Year | Number of Clients | Response Time | Field Staff Hired |
|---|------|-------------------|---------------------------|-------------------|
| TX Severe Storms (FEMA DR-4781) | 2024 | 6 | Within 48 hours of NTP | 730 |
| Hurricane Idalia (FEMA-4738, 4734) | 2023 | 10 | Within 12-24 hours of NTP | 240 |
| Hurricane Ian (FEMA DR-4673) | 2022 | 30 | Within 12-24 hours of NTP | 2,538 |
| New Mexico Wildfires (FEMA DR-4652) | 2022 | 1 | Within 12-24 hours of NTP | 125 |
| Kentucky Severe Winter Storm (FEMA DR-4592) | 2021 | 1 | Within 48 hours of NTP | 529 |
| Hurricane Ida (FEMA DR-4611) | 2021 | 13 | Within 12-24 hours of NTP | 2,900 |
| Hurricane Sally (FEMA DR-4563,4564) | 2020 | 10 | Within 12-24 hours of NTP | 1,425 |
| Hurricane Dorian (FEMA DR-4465) | 2019 | 2 | Within 24 hours of NTP | 160 |
| Hurricane Michael (FEMA DR-4399, 4400) | 2018 | 13 | 24 hours prior to NTP | 1,300 |
| Hurricane Florence (FEMA DR-4393, 4394) | 2018 | 13 | 48 hours prior to NTP | 989 |
| Hurricane Maria (FEMA DR-4339) | 2017 | 1 | Within 24 hours of NTP | 1,200 |
| Hurricane Irma (FEMA DR-4337, 4338) | 2017 | 47 | Within 12-24 hours of NTP | 1,600 |
| Hurricane Harvey (FEMA DR-4332) | 2017 | 6 | Within 12 hours of NTP | 200 |
| Hurricane Matthew (FEMA DR-4283-86) | 2016 | 17 | 48 hours prior to NTP | 600 |
| Louisiana Severe Flooding (FEMA DR-4277) | 2016 | 2 | 24 hours prior to NTP | 440 |
| South Carolina Severe Flooding (FEMA DR-4241) | 2015 | 1 | Within 48 hours of NTP | 55 |
| Winter Storm Pax (FEMA DR-4166) | 2014 | 6 | Within 48 hours of NTP | 475 |

Thompson's approach to services and mobilization timeline are further detailed in Section 5, Requirements. Examples of recent successful reimbursement assistance have been provided in Section 6, Outline of Experience.

Equipment Resources

Thompson has provided disaster recovery services to various clients over the years; on past projects we have not had any issues with supplying sufficient amounts of equipment and supplies. However, we do have pre-event contracts in place to provide additional supplies as needed within **24**-hours. All equipment listed will be available to support the City during preparedness measures and post-disaster operations.

The following items are supplied to field personnel prior to mobilization:

- **Safety Equipment:** Hard hats, safety glasses, and safety vests are provided to all personnel. All personnel are required to wear steel toed boots at their own expense. Field supervisors are provided medical kits.
- **Communication Device:** Cell phones, and/or radios are provided to our field personnel based upon the project needs.
- **Laptops and Portable Printers / Scanners / Copiers / Fax Machines:** These items are provided to the Thompson Team's management personnel for use in vehicles or mobile command centers as needed.
- **Additional Field / Office Supplies:** All necessary forms (field documents, truck certification, etc.) and office supplies are kept in stock and provided prior to mobilization.

A listing of our office and field equipment is shown in the following table.

Table 2-3: Available Field Equipment

| Resources/Field Equipment | Quantity | Resources/Field Equipment | Quantity |
|--------------------------------|----------|--|----------|
| Southeast Offices | 26 | Full Time Employees | 650 |
| ADMS Sets | 3,500 | Stand-by Disaster Recovery Employees | 1,260 |
| Computer – Desktop Station | 175 | Printers / Copier – Color Laser | 100 |
| Computer – Laptop | 175 | Printers – Black and White Laser | 25 |
| Starlink Units | 43 | Printer / Copier / Scanner / Fax– Portable | 30 |
| MiFi Access Point | 50 | Digital Cameras | 25 |
| Communication – Cell Phones | 213 | Handheld GPS Units | 100 |
| Communication – Radios | 83 | Boats (12’ to 22’) | 10 |
| Communication – Desktop Phones | 350 | Trucks | 6 |

Thompson staffs a full-time equipment and logistics team that performs rigorous quality control tests on all equipment utilized during project operations both before deployment and upon return from the field. Depending on the size and severity of an event, a member of this team is either deployed or is made available virtually and in real-time for the duration of a project to ensure equipment is configured and working properly. A complete inventory of equipment is done quarterly to account for and replace lost or damaged field items.

Connectivity Equipment

Dependable infrastructure and communication access is not only necessary during immediate project staffing or mobilization, but also throughout project operations to ensure quicker and more efficient data collection and reporting. Therefore, Thompson has invested in **43** highly portable Starlink units that allow access to high-speed internet via satellites to clients across the United States and Caribbean.

Although our debris removal monitoring technologies, such as *TDMSmobile* detailed within our proposal response have a **disconnected architecture** and are fully operational in a post storm environment where cellular networks are compromised or destroyed, the Starlink units give field teams the ability to move from a disconnected environment with nightly data uploads to near-real time, connected operations. This allows for quicker reporting and data QA/QC activities. Additionally, these units support Wi-Fi calling and texting increasing communication and safety of field teams located in remote or desolate areas.



Thompson’s Starlink units have been utilized on the following projects:

2022 Puerto Rico: units were utilized following Hurricane Fiona on the western portion of the island where cell connectivity was scarce.

2022 Southwest Florida: units were deployed to the barrier islands following the devastating impacts of Hurricane Ian which completely destroyed cellular connectivity and communications infrastructure.

2023 New Mexico: units were used to support field operations and local data center in the Calf Canyon / Hermits Peak area following widespread fires throughout remote areas of northern New Mexico.

2024 Florida, Georgia, South Carolina, North Carolina, Tennessee: units were deployed to support field operations and local data centers in response to widespread, catastrophic damage across remote areas of the southeast caused by back-to back hurricanes Debby, Helene, and Milton.

Capability & Performance History

Financial Capacity

Thompson has been in business for over **73** years. We are financially stable and have the necessary personnel, equipment, and financial resources to meet contractual obligations and can provide services at the level required.

Thompson has both the financial capacity and the access to credit necessary to commence and continue project operations both before and while federal and/or state funds are approved. Through project initiation and implementation Thompson has demonstrated our capacity to perform monitoring programs prior to the obligation of grant funds.

In addition, Thompson’s financial condition and credit rating is “Excellent” through our banking institution, and we consistently maintain a bonding capacity of over \$25 million.

Our goal is to provide the highest level of consulting services to our customers in a cost-effective manner. Through the attainment of this goal, we have been able to develop long-lasting relationships with our clients which have allowed our Company significant growth over the years.

Thompson Holdings Revenue

2019 - 2023

| | |
|------|------------------|
| 2023 | - \$ 118,889,000 |
| 2022 | - \$ 95,700,000 |
| 2021 | - \$ 97,600,000 |
| 2020 | - \$ 73,900,000 |
| 2019 | - \$ 70,000,000 |

FEMA Performance Record

Thompson is proud to have a **100%** success rate with adhering to FEMA Public Assistance regulations. Thompson does not have any closed, active, or pending FEMA disputes, audits, or lawsuits. In addition, Thompson is not aware of any denials for eligible service/work items performed for our clients.

Thompson will remain available and on standby to support the City throughout the audit process and assist the City in recovering funding for all eligible work.

SECTION 3

Sample Report

Thompson has included a sample report and field documentation in the subsequent pages of this section. Information regarding daily and customized reporting is included in Section 5, Requirements.



DAILY DEBRIS ACTIVITY REPORT

Daily Report For: **2/6/2023**

Client: **Lee County**

Mission: **Florida Hurricane Ian DR-4673-FL**

Debris Hauler: **Crowder Gulf**

Report Generated On: **2/7/2023**



DAILY SUMMARY

Monday, February 6, 2023

| | |
|----------------------------------|-----|
| Total Loads Collected: | 318 |
| Average Loads per Truck/Trailer: | 4 |
| Average Load by CYD: | 65 |
| Minimum Load by CYD: | - |
| Maximum Load by CYD: | 121 |

| | |
|----------------------------|---|
| Hazardous Hanging Limbs | - |
| Hazardous Trees (All Size) | - |



FIELD MONITORS

Monitor Count per Day



Monday, February 6, 2023

| | |
|---|-----|
| Days from Debris Removal Start: | 125 |
| Days from FEMA Disaster Incident Start: | 138 |



HAUL IN TREND

Cubic Yards per Day



HAUL OUT TREND

Cubic Yards per Day



TREE WORK TREND

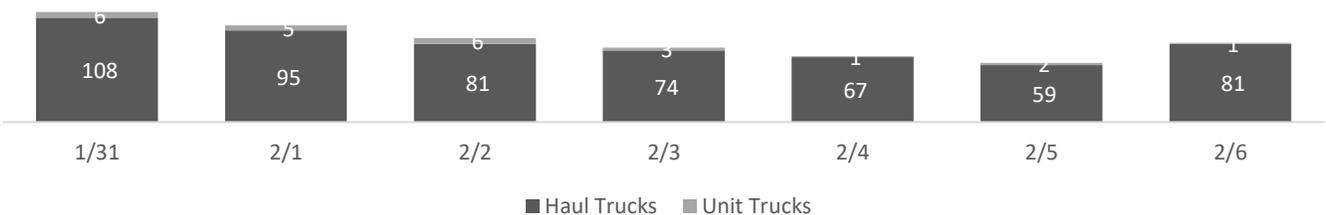
Tickets per Day



EQUIPMENT

Truck & Trailer Count per Day

| | |
|---------------------------------|----|
| 02/06 Haul in Trucks/Trailers: | 51 |
| 02/06 Haul out Trucks/Trailers: | 31 |





DAILY DEBRIS ACTIVITY REPORT

Daily Report For: 2/6/2023

Client: Lee County

Mission: Florida Hurricane Ian DR-4673-FL

Debris Hauler: Crowder Gulf

Report Generated On: 2/7/2023

ROW Haul In Collection Detail

Monday, February 6, 2023

| <u>Debris Type</u> | Daily Collection | | Project to Date | |
|--------------------------------|-------------------------|--------------|------------------------|------------------|
| | <u>Loads</u> | <u>CYD</u> | <u>Loads</u> | <u>CYD</u> |
| Vegetation | 110 | 5,579 | 71,311 | 3,682,331 |
| Construction & Demolition (CD) | 95 | 4,340 | 43,456 | 2,146,767 |
| Concrete | 1 | 36 | 484 | 10,375 |
| Vessel | - | - | 11 | 598 |
| Dirty Sand | - | - | 5,483 | 143,575 |
| CYD Collection Totals | 206 | 9,955 | 120,745 | 5,983,646 |

| <u>Debris Type</u> | <u>Loads</u> | <u>CYD</u> |
|-------------------------------|--------------|------------|
| Dirty Sand (Morning of 02/07) | - | - |

| <u>Debris Type</u> | <u>Loads</u> | <u>Tons</u> | <u>Loads</u> | <u>Tons</u> |
|----------------------------------|--------------|-------------|--------------|-------------|
| HHW | 1 | 3 | 200 | 402 |
| Tonnage Collection Totals | 1 | 3 | 200 | 402 |

Waterway Haul In Collection Detail

Monday, February 6, 2023

| <u>Debris Type</u> | Daily Collection | | Project to Date | |
|-----------------------------------|-------------------------|------------|------------------------|---------------|
| | <u>Loads</u> | <u>CYD</u> | <u>Loads</u> | <u>CYD</u> |
| Waterway Vegetation | - | - | 1,719 | 67,615 |
| Waterway C&D | - | - | 90 | 3,412 |
| Waterway Collection Totals | - | - | 1,809 | 71,027 |

Processed Debris Haul Out Detail

Monday, February 6, 2023

| <u>Debris Type</u> | Daily Haul Out | | Project to Date | |
|----------------------------|-----------------------|---------------|------------------------|------------------|
| | <u>Loads</u> | <u>CYD</u> | <u>Loads</u> | <u>CYD</u> |
| Compact CD | 68 | 6,721 | 9,192 | 944,316 |
| Sand CD | 19 | 1,369 | 179 | 7,542 |
| Clean Sand Soil | - | - | 4,296 | 125,076 |
| Mulch | 25 | 2,773 | 5,301 | 581,688 |
| Reuse Mulch | - | - | 40 | 4,631 |
| All Haul Out Totals | 112 | 10,863 | 19,008 | 1,663,253 |

DEBRIS LOAD TICKET

253036-20151-66387

Contractor: **Custom Tree Care Inc**

Subcontractor: **SUNDERLAND**

Project: **Wilson Co Debris**

Project No:

Driver:

Truck No: **253036**

Truck Capacity: **80.00**

LOADING

Date: **05/30/2020 18:26:27**

Latitude: **36.194967440**

Longitude: **-86.262900140**

PPDR-ROE:

Material: **Mulch**

Monitor: **LISA HORNGREN**

ADMS Device2

DROP OFF

Date: **05/31/2020 07:12:02**

Dumpsite: **Bones Farm FDS**

Latitude: **36.235407690**

Longitude: **-86.234697440**

Load Call: **40**

Load CYD: **32.00**

Tonnage:

Monitor: **JUVETZY MARTINEZ**

ADMS Device7af9f6a4-2e59-4020-9d03-246bb1c7ab27

Mileage: **5.60**

DEBRIS UNIT TICKET

700106-20265-31719

Contractor: **DRC Group LLC**

Subcontractor: **SUNDERLAND**

Project: **Grant Parish Debris**

Project No:

Equip Op:

Equip No: **700106**

UNIT

Date: **09/21/2020 08:48:39**

Latitude: **31.523697990**

Longitude: **-92.553298990**

PPDR-ROE:

Service: **Hanger**

Diameter / Units**2.00**

Monitor: **JEREMY WEHUNT**

ADMS Device**993**





Supervisor Daily Log

Date: _____

| Supervisor Information | | | |
|--------------------------------------|---|---|-------|
| Name (print): | | Phone #: | |
| Applicant/Client | | Program | |
| Position: | | County, City, or Other Location | |
| Morning Safety Topic (if applicable) | | Other Topics (if applicable) | |
| | | | |
| | | | |
| | | | |
| Daily Activity | | | |
| Time | Activity (Site Visit, Runner, Survey, Data Center, Monitor visit etc.) | Location (Street, Disposal Site, Data Center, Monitor Check in Site, etc.) | Notes |
| | | | |
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| | | | |
| | | | |
| Signature: | | Project/Operations Manager Signature: | |

Daily Log

Date: _____

| Monitor Information | | |
|---|---|--|
| Monitor Name (print): | Phone #: | ADMS #: |
| Applicant/Client | Time In: | Time Out: |
| Operations Manger | Field Supervisor | |
| Morning Safety Topic | Other Topics (if applicable) | |
| | | |
| | | |
| | | |
| | | |
| Contractor Information | | |
| Contractor: | Sub-Contractor/Crew: | Truck # (s): |
| Work Performed | | |
| ROW Tasks | Disposal Site | Other: |
| <input type="checkbox"/> Training <input type="checkbox"/> Generated ROW Tickets <input type="checkbox"/> Generated L/H/S Tickets <input type="checkbox"/> Performed Tree Survey | <input type="checkbox"/> Observed Bobcat <input type="checkbox"/> Stump Survey <input type="checkbox"/> Other: _____ _____ | <input type="checkbox"/> Training <input type="checkbox"/> ADMS Entry <input type="checkbox"/> Load Calls <input type="checkbox"/> Haul Out <input type="checkbox"/> Logged Tickets <input type="checkbox"/> Other: _____ <input type="checkbox"/> Exit Tower _____ |
| | | <input type="checkbox"/> Admin <input type="checkbox"/> Truck Cert Team <input type="checkbox"/> Other: _____ _____ |
| Miscellaneous | Visitors | |
| Starting Street: _____ | Name | Agency/Company |
| Ending Street: _____ | | |
| Disposal Site: _____ | Name | Agency/Company |
| | | |
| Notes | | |
| (Who you trained with, equipment break downs, weather delays, etc.) | | |
| | | |
| | | |
| | | |
| | | |
| # of Tickets | # of Voided Tickets | Monitor Signature: |



Load Ticket Log

Name _____ Date _____
 Monitor # _____ Contractor _____
 Applicant _____ Sub-Contractor _____
 Program _____ Zone _____

| Ticket # | Address | Truck # | Driver Name | Debris Classification | Start Time | End Time |
|----------|---------|---------|-------------|-----------------------|------------|----------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
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| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

SAMPLE

Crew Contact Name _____ Meeting Location _____
 Crew Contact Phone # _____ Page _____ of _____



Unit Rate Ticket Log

Name _____ Date _____
 Others _____ Contractor _____
 Monitor # _____ Sub-Contractor _____
 Applicant _____ Zone _____
 Program _____

| Ticket # | ADDRESS | GPS Coordinates | JPG # 1 | JPG # 2 | JPG # 3 | Rate Code or Measurement | Unit Count | Start Time | End Time |
|----------|---------|-----------------|---------|---------|---------|--------------------------|------------|------------|----------|
| 1 | N: | W: | | | | | | | |
| 2 | N: | W: | | | | | | | |
| 3 | N: | W: | | | | | | | |
| 4 | N: | W: | | | | | | | |
| 5 | N: | W: | | | | | | | |
| 6 | N: | W: | | | | | | | |
| 7 | N: | W: | | | | | | | |
| 8 | N: | W: | | | | | | | |
| 9 | N: | W: | | | | | | | |
| 10 | N: | W: | | | | | | | |
| 11 | N: | W: | | | | | | | |
| 12 | N: | W: | | | | | | | |
| 13 | N: | W: | | | | | | | |
| 14 | N: | W: | | | | | | | |
| 15 | N: | W: | | | | | | | |
| 16 | N: | W: | | | | | | | |
| 17 | N: | W: | | | | | | | |
| 18 | N: | W: | | | | | | | |
| 19 | N: | W: | | | | | | | |
| 20 | N: | W: | | | | | | | |

Crew Contact Name _____ Meeting Location _____
 Crew Contact Phone # _____ Page _____ of _____



Disposal Tower Log

Disposal Site: _____

Date: _____

Applicant: _____

Monitor(s): _____

Contractor: _____

ADMS #: _____

| | Truck # | Arrival Time | Ticket Number | Capacity | Load % | JPG # (if applicable) | Comments |
|----|---------|--------------|---------------|----------|--------|--------------------------|----------|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
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| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |

TRUCK CERTIFICATION

VEHICLE TYPE

- | | |
|---|---|
| <input type="checkbox"/> Self-Loading Truck | <input type="checkbox"/> Non-Hydraulic Dump Trailer |
| <input type="checkbox"/> Semi-Trailer | |
| <input type="checkbox"/> Hydraulic Dump Trailer | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Dump Truck | |

VEHICLE FEATURES

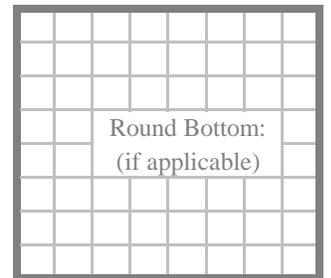
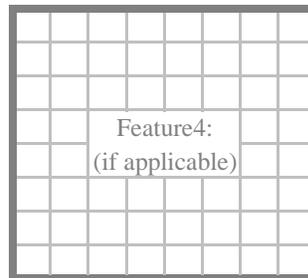
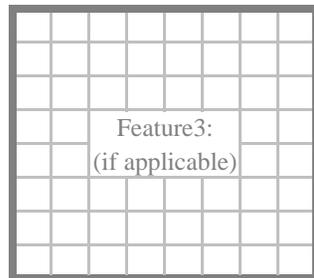
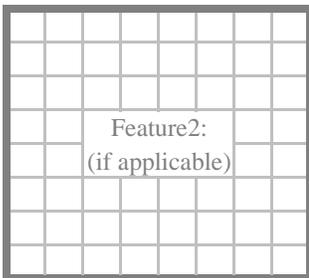
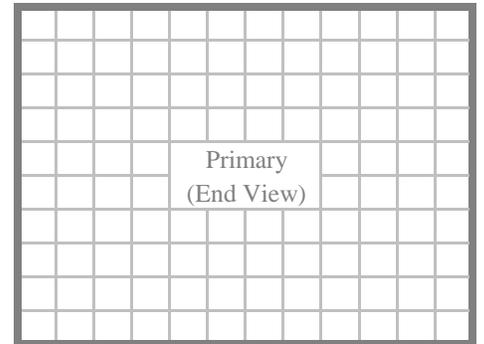
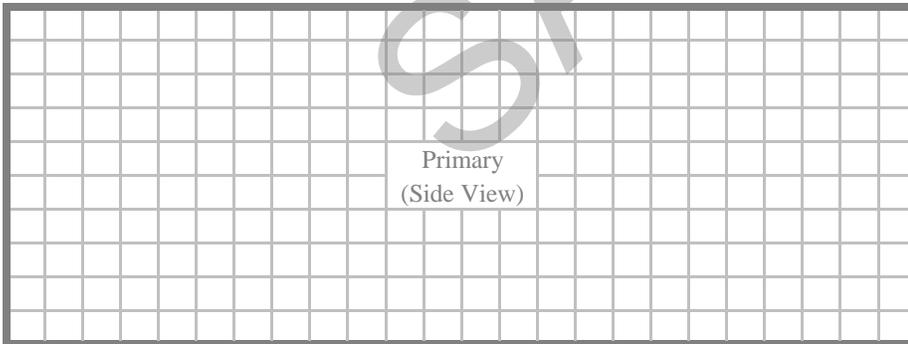
- | | |
|--|--|
| <input type="checkbox"/> Dog Box | <input type="checkbox"/> Curved/Angled Sides/Floor |
| <input type="checkbox"/> Side Boards | |
| <input type="checkbox"/> Tail Gate Extension | <input type="checkbox"/> Tandem |
| <input type="checkbox"/> Wheel Wells | |

Place Sticker Here

MEASUREMENT INFORMATION

| | | | |
|--|----------------|----------------|----------------|
| Primary Interior Dimensions ₁ : | L ₁ | W ₁ | H ₁ |
| Features: A = Box Shape; B = Sideboards; C = Tail Gate Extension; D = Dog Box; E = Wheel Wells; F = Other _____ | | | |
| Feature ₂ : | L ₂ | W ₂ | H ₂ |
| Feature ₃ : | L ₃ | W ₃ | H ₃ |
| Feature ₄ : | L ₄ | W ₄ | H ₄ |
| Round Bottom: | L ₅ | W ₅ | H ₅ |

VEHICLE SKETCH



| | | | |
|-----------------------|-------|------------------------------------|-------|
| Certified by (print): | Date: | Contractor Representative (print): | Date: |
| Signature: | | Signature: | |

SECTION 4

Required Forms

Thompson has completed and uploaded the following forms into the City's procurement portal:

- Exhibit A: Vendor Response Form
- Exhibit B: FEMA Contract Provisions¹
- Exhibit D: Anti-Lobby Certification
- Exhibit E: Current Engagement Certification
- Exhibit F: Immigration Reform & Control Certification
- Exhibit G: Sexual Harassment Certification
- Exhibit H: Boycott Israel Certification
- Exhibit I: City of Olathe Instructions, General Terms & Conditions
- Exhibit J: Affidavit

¹ Thompson has performed a review and acknowledges the FEMA contract provisions.

SECTION 5

Requirements

Project Understanding

The City of Olathe, Kansas (City) is in the center of Johnson County in the eastern part of the state. The City is the County seat and the fourth most populous city in the state of Kansas with a population of 141,290. The City is highly vulnerable to the impacts of debris-generating disasters such as severe winter storms, tornadoes, flooding, and windstorms and maintains a constant, high level of readiness to respond to a variety of hazards that may impact its citizens. Consequently, the City is seeking proposals from qualified consultants to provide debris monitoring support and assist the City in navigating the funding and compliance channels of the Kansas Division of Emergency Management (KDEM) and the Federal Emergency Management Agency (FEMA) Public Assistance (PA) Program.

*Thompson will use what we have learned from previous disaster recovery projects throughout the United States to **improve the efficiency** of the debris removal program, **reduce the overall cost** of the various debris removal programs, and **expedite recovery** following a future disaster. We are familiar with the challenges that make debris removal and disaster recovery unique in the City and stand prepared to assist the City with implementing a recovery program that mitigates and addresses many of the City's recovery challenges. Thompson agrees to fulfill all requirements outlined in the scope of services and strives to exceed the service expectations of the City of Olathe.*

Utilization of Technology Solutions

Thompson's Automated Debris Management System (ADMS)

Thompson has invested considerable resources in technologies to support more efficient debris removal monitoring. Among these technologies is our best-in-class ADMS solution, the Thompson Data Management Suite (TDMS). TDMS is a collection of hardware, software, and communications infrastructure for the management of data and documents related to disaster recovery. The suite provides near real time debris collection data to applicants, grantees, FEMA, FHWA, debris removal contractors, and others without disrupting the speed of the recovery. Each major component of TDMS is summarized below:

14+
years of TDMS
deployments

TDMSmobile: is ADMS hardware solution that provides clients the option to manage and monitor debris recovery missions electronically in the field utilizing a handheld device and hip printer. The handheld device and system have configurable security settings to protect use and data. Specified locations, such as debris pickup and disposal sites, are captured by the GPS capabilities of the handheld and verified in the web-based system. TDMSmobile also has a disconnected architecture and is fully operational in a post storm environment where cellular networks are compromised or destroyed.

TDMSweb: is a web-based application that serves as the backbone of the TDMS for storage and data management. TDMSweb provides access to viewing, querying, sorting, reporting, mapping and managing project related data and documents including electronic tickets, contractor invoices, text message updates, reports, and FEMA data and image exports.

TDMSmaps: is a web-based GIS application that integrates geospatial and relational data to enhance management and public information capabilities. TDMSmaps provides full access to live, progress, and query maps which assist in the evaluation of progress, assignment, or re-assignment of crews, and provide graphical information to make debris management decisions that support effective and efficient operations. Thompson can tailor progress and real-time operation mapping to meet project needs.

TDMSportal: is a web-based portal that serves as the client and contractor information center for contract documents, project costs, electronic tickets, accounting transactions and invoices. *TDMSportal will be the City’s secure and single sign-on resource to access all project data and documentation.* TDMSportal also provides access to viewing, querying, sorting, reporting, mapping, and managing project related data and documents. The portal eliminates email for document sharing and transfer and ultimately increases visibility between the applicant, Thompson, and the debris contractor.



single source
to access all
project data

Through the implementation of these technologies, TDMS limits the propensity for human error, fraud, data entry error, and reconciliation challenges resulting in efficiencies, increased accuracy, and cost savings. *Thompson owns and maintains TDMS and does not lease any part of our ADMS solution from an alternate provider.*

Successful Deployment History

TDMS has been deployed by Thompson on nearly every FEMA eligible disaster debris removal monitoring project we have performed since **2012**. TDMS can be utilized for a variety of programs and activities, including but not limited:

- Truck Certification
- Hazardous Tree Work (L/H/S)
- Demolitions
- Project And Data Administration
- Right-Of-Way (ROW)
- Private Property Debris Removal (PPDR)
- Haul Out / Disposal
- Monitor Role and Time Management

TDMS has also been evaluated and proven to meet the process requirements for the U.S. Army Corps of Engineers (USACE) Advanced Contracting Initiative (ACI). The following list includes a summary of each disaster incident and the number of handheld units deployed.

Table 5-1: TDMS Deployments

| Disaster | Units Deployed | Disaster | Units Deployed |
|----------------------------|----------------|------------------------------|----------------|
| 2024 Hurricane Milton | 1,040 | 2019 Hurricane Dorian | 91 |
| 2024 Hurricane Helene | 1,729 | 2018 Hurricane Michael | 1,300 |
| 2024 Hurricane Debby | 103 | 2018 Hurricane Florence | 235 |
| 2024 Hurricane Beryl | 963 | 2017 Hurricane Maria | 375 |
| 2024 TX Severe Storms | 362 | 2017 Hurricane Irma | 1,200 |
| 2023 Hurricane Idalia | 83 | 2017 Hurricane Harvey | 400 |
| 2022 Hurricane Ian | 2,015 | 2016 Hurricane Matthew | 876 |
| 2021 KY Sever Winter Storm | 689 | 2016 Louisiana Flooding | 330 |
| 2020 Hurricane Delta | 61 | 2015 South Carolina Flooding | 180 |
| 2020 Hurricane Zeta | 343 | 2014 Winter Storm Pax | 475 |

| Disaster | Units Deployed | Disaster | Units Deployed |
|----------------------|----------------|----------------------|----------------|
| 2020 Hurricane Sally | 1,619 | 2012 Hurricane Sandy | 100 |
| 2020 Hurricane Laura | 438 | 2012 Hurricane Isaac | 12 |

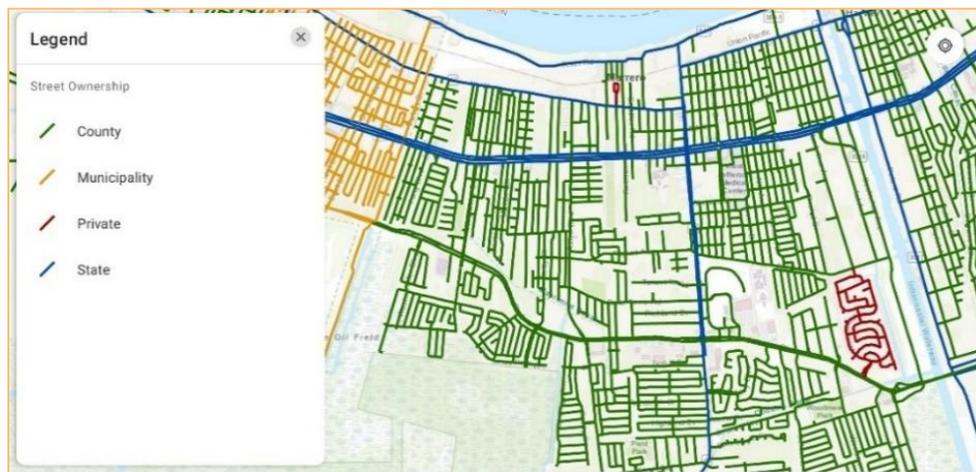
Thompson maintains over **3,500** TDMS*mobile* units on hand and has access to additional units within 24 hours of notification when necessary. TDMS*mobile* can operate on both Android and Apple devices further strengthening our ability to access additional units even during disaster conditions or global supply chain issues.

Thompson’s TDMS*mobile* devices have been deployed successfully over the last **14** years, and from day one of debris removal operations Thompson will be able to provide the City with paperless ticketing.

GIS Mapping Capabilities

Thompson continues to expand our geographic information system (GIS) resources and capabilities to better support debris removal management. This includes enhanced gathering, managing, and analyzing data to provide spatial location information such as project boundaries and roadway maintenance responsibility designations (e.g., local vs. state roadways).

Figure 5-1: Road Responsibility Designation Map



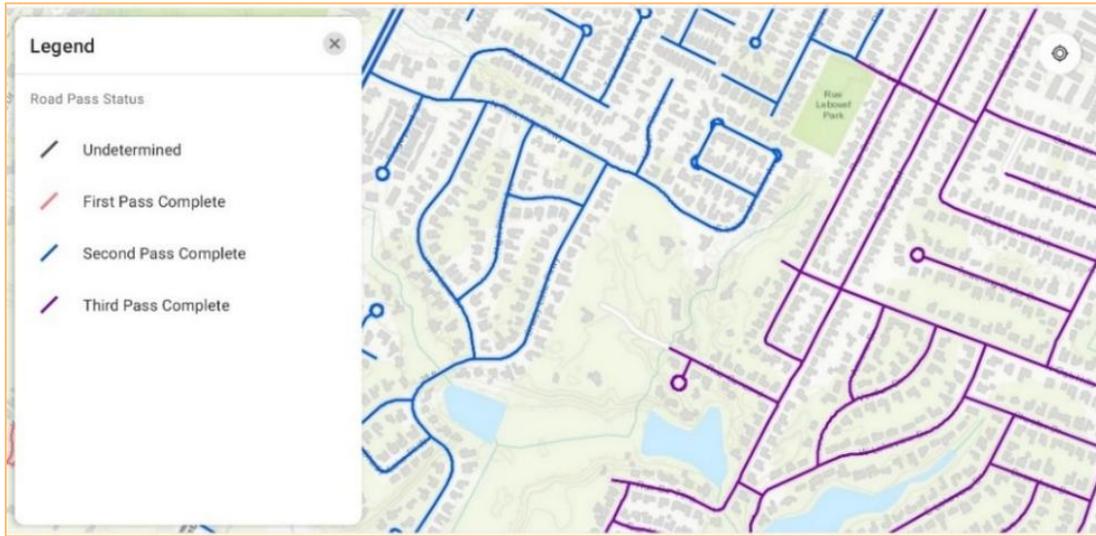
Thompson employs ArcGIS Pro, ESRI’s latest desktop GIS application, which allows for seamless integration with our company’s ArcGIS Online and Enterprise platforms. Additionally, we can integrate data collected through ESRI’s Survey123 and Field Maps for display in ArcGIS applications (Web Mapping Applications, Dashboards, or StoryMaps).

TDMS*maps* is a web-based GIS application that integrates geospatial and relational data to enhance management and public information capabilities and is available to our clients through the TDMS*portal*. Thompson’s clients have full access to a variety of live maps, progress maps and query maps and can be tailored to the needs of the City.

Pass, Progress, and Activity Mapping

Progress and pass mapping, which geographically present debris removal contractor activity, is a valuable tool for our clients, the contractors, and the community. The ability to show which roadways debris removal crews have performed collection allows the client and project managers to evaluate progress, assign or re-assign crews, and make general debris management decisions.

Figure 5-2: Road Clearance Pass Maps



Progress maps can be URL/web-based and shared with the public to communicate debris removal activity. Zoom functions within the map can provide street-level detail.

Debris monitor activity maps depict, in real-time, where monitors are documenting debris removal. Zoom features provide street-level view and ticket details including date, time, location debris collection type and quantity. Activity maps can also be searched by exact street addresses to check progress.

Figure 5-3: Daily Debris Monitor Activity Maps

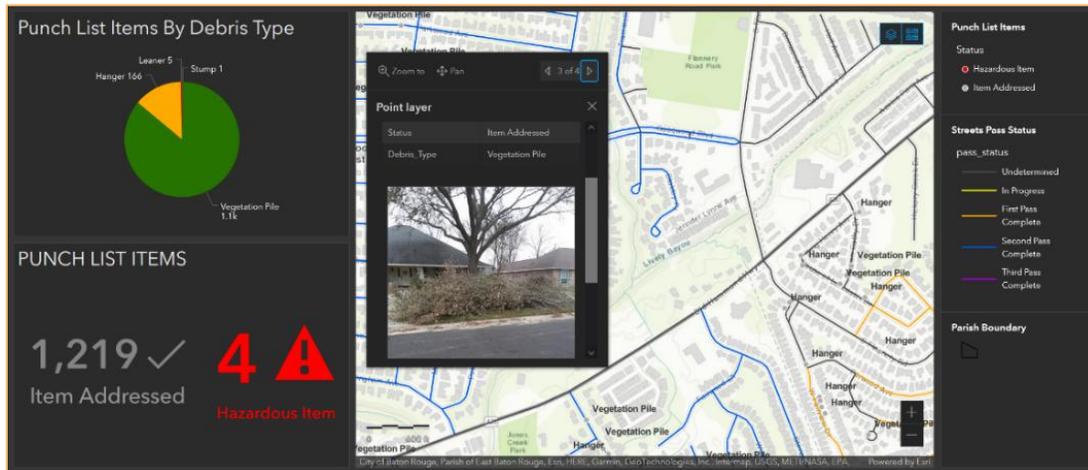


Dashboards

Thompson can also create GIS Operations Dashboards that display real time data including daily and cumulative collection totals, collection locations, eligible/ineligible ticket locations, collection debris type breakdowns, etc.

Dashboards can be created for a variety of debris removal programs, including private property debris removal.

Figure 5-4: Punch List and Pass Map Dashboard



Pre- and Post-Work Ground Imagery

Thompson can deploy our imagery collection crew(s) to survey an area utilizing 360° imagery capture. This can be conducted during non-disaster times to record existing conditions of an area including roadways and structures, following a disaster to document damages and hazards, and following recovery operations to confirm post-disaster conditions and the completion of operations. This data provides a real word understanding of conditions both before and after a disaster.

Using 360° road imagery after a disaster provides rapid, ground-level situational awareness to assess and prioritize debris removal operations without requiring repeated field visits. Thompson’s system is fully scalable, enabling coverage of thousands of miles of roadway quickly and efficiently. Collected images are integrated into the Esri ArcGIS ecosystem and processed to provide interactive mapping tools to support recovery operations. This imagery also supports FEMA documentation and reimbursement by providing a clear, time-stamped visual record of roadway conditions before and after cleanup.

Figure 5-5: Road Responsibility Designation Map



Project Approach to Debris Removal Monitoring

Maximizing Reimbursement

Thompson’s approach to providing disaster debris removal and disposal monitoring services begins with the desired outcome at the forefront of what we do: document debris removal in a manner to ensure maximum grant reimbursement to our clients.

Through past experience and lessons learned, we have been able to develop a fine-tuned and tested approach to efficiently and effectively meet or exceed the FEMA compliance regulation standards for maximum reimbursement to our clients. When dealing with disaster recovery and compliance with FEMA and other federal agency regulations, not many things can take the place of first-hand experience. Our debris monitoring and reimbursement procedures, tools and training methods are the results of a unique blend of theoretical and applied implementation strategies on real recovery projects.

This approach is applied throughout all contract activities and all phases of the disaster preparedness, response, and recovery program for disaster debris removal monitoring.

Figure 5-6: Disaster Debris Removal Monitoring Phase and Task Summary



Non-Event / Preparedness and Planning

Part of Thompson’s commitment to pre-positioned clients is providing planning and training services to the communities we serve. Our team is constantly expanding education, training, and field experience in the disaster debris monitoring, grant management, and emergency management fields and will share their knowledge with City leadership and staff. Following contract award, Thompson will coordinate training schedules with the City to provide departments and key staff members training which will address prioritized topics, as requested by the City.

In addition, Thompson can provide a variety of planning services, training programs, and tools and templates that can be utilized by the City in future disasters or participate in exercises related to the City’s disaster preparedness, response, and recovery. A listing of sample services that can be provided to the City is provided below.

- Disaster Debris Management Plans (DDMP)
- FEMA Public Assistance (PA) Training
- Public Information
- Mitigation Planning and Support

- Identification of Debris Management Sites (DMS)
- Procurement Assistance
- Comprehensive Emergency Management Planning
- Executive Guidance to Commissions, Boards, and Panels

Post-Event / Disaster Debris Removal Monitoring Operations

Thompson functionally organizes our disaster debris removal monitoring operations by tasks predicated on the various debris streams and programs that can be expected based on our experience monitoring and documenting large scale debris removal operations. Thompson tailors our approach to the unique debris recovery effort based on disaster specific challenges. Our tasks and task approach can be modified and scalable and our mobilization times can be either compressed or extended based on the needs of the City and the public. *Thompson is prepared to operate 12-14 hours a day, 7 days a week. Thompson will adhere to the schedule set by the City, including any work required on holidays to expedite recovery operations.*

Table 5-2: Mobilization Timeline

| Task | Mobilization Time |
|---|---|
| Mobilization | |
| Program Management | Immediately following NTP |
| Damage Assessment | 12-24 hours following notice to proceed (NTP) |
| Onboarding and Training of Employees | 12-24 hours following NTP |
| Debris Program Implementation | |
| Health and Safety Plan Implementation | 12-24 hours following NTP |
| Measure and Certify Trucks by FEMA PAPPG Standards | 12-24 hours following NTP |
| Deploy Field Supervisors / Field Supervisors | 24-48 hours following NTP |
| Deploy Loading Site Collection Monitors | 24-48 hours following NTP |
| Deploy Debris Management Site Monitors | 24-48 hours following NTP |
| Monitor the Removal of Leaning Trees, Hanging Limbs, and Hazardous Stumps | 24-48 hours following NTP |
| Perform Special Debris Removal Programs (e.g., private property debris removal) | TBD, based on input from KDEM and FEMA |
| Data Management | |
| Accumulate and Review Daily Field Data (QA/QC) | Onset of debris collection activities |
| Reporting and Progress Mapping | On-going throughout recovery operation |
| Reconcile Contractor Invoices | On-going throughout recovery operation |

Project Management

Mobilization | Program Management

Thompson will assist the City in overseeing the debris management operations, obtaining proper approvals for special debris removal programs, and providing in-depth working knowledge of a variety of recovery operations, USACE debris management guidelines, and FEMA eligibility and reimbursement guidelines. Thompson will work with the City to develop a project management plan to ensure that

contracted debris removal is properly documented to substantiate FEMA PA, FHWA ER, and NRCS funding. Some of the initial considerations will include, but not be limited to:

- Single/multiple debris removal contractors
- Debris removal contractor rates and specifications
- Debris estimates, by collection zone
- Debris removal from gated communities
- Crew/monitor estimates, by collection zone
- Onboarding and safety training locations and procedures
- Operations Manager/Supervisor Assignments
- Progress reporting distribution lists and protocols

In most cases, Thompson will deploy our project team in anticipation of receipt a notice to proceed so that we can be responsive to the City’s needs and effectively manage the deployment of personnel and resources. Upon receipt of a Notice-to-Proceed, Thompson will deploy Project Quality Assurance and Project Administrative initiation teams to the City.

The Project Quality Assurance Team will consist of the Project Manager and appropriate number of Field Supervisors, based on the severity of the event. In addition to providing surge support to the City, the Project Quality Assurance Team will serve as the field project management team. The Project Quality Team will be deployed with equipment kits to accommodate all field staff.

The Project Administrative Team will consist of administrative/human resource employees. The Project Administrative Team will be temporarily deployed to the City to support the monitor on-boarding process, including:

- Employee application reviews
- Motor Vehicle record checks
- Debris Monitor Training
- Health and Safety Plan Implementation

Collaboration with the City: Immediately following Notice-to-Proceed, Thompson will begin coordinating with the City and City contractors to synchronize mobilization and response activities. Thompson will need the following information from the City prior to or upon mobilization:

- Points of Contact
- Copy of contract between City and debris removal contractor(s)
- GIS shapefiles
- List of priority roads
- Preferred debris removal zones (if available)
- Any inter-local agreements or memoranda of understanding with State, County or other municipalities

Throughout the project, the Thompson Project Manager will identify critical path functions that will require close coordination between the City and Thompson. These may include:

- Public Information
- Private Property Issues
- Special Needs Assistance
- Information on FEMA
- Damage reports and resolution

Thompson will identify a lead for each function to serve as a direct interface with the appropriate City staff on each issue. The Thompson team member will be available in person, by phone, or email to

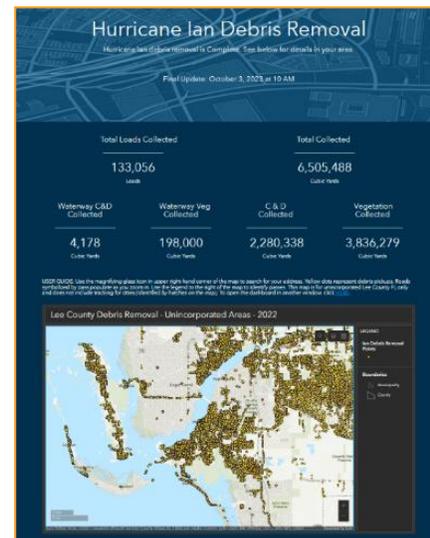
communicate with the City and project stakeholders. To the extent that cellular connectivity is not available, Thompson will secure alternative communications methods (radios, satellite, etc.).

FEMA and State Agency Coordination: To the extent that it is required by the City, Thompson will serve as a liaison between the FEMA, KDEM, and other public entities to document and demonstrate that debris removal, response and recovery activities are eligible, allowable, and in compliance with FEMA Publication FP-104-009-2 Public Assistance Program and Policy Guide (PAPPG). Thompson will work with the City, KDEM, FEMA Region 7, and FEMA Headquarters to facilitate a transparent, well documented partnership throughout the recovery effort. This will allow Thompson to integrate Disaster Specific Guidance (DSG) issued from FEMA into the City’s debris removal efforts, and pro-actively create a positive working relationship with participating stakeholder regulatory agencies.

Public Information Support: Thompson has a variety of resources and tools to assist the City’s public information and outreach efforts. During non-event times, prior to and immediately following a disaster incident, Thompson can work with the appropriate City staff to develop press releases to inform the public on topics related to debris removal efforts, including proper setout procedures for bring debris to the right-of-way, anticipated collection start, progress and end dates, and notification of special debris collection programs available to the public.

Thompson can also utilize our technology solutions, including our enhanced mapping capabilities, to provide project data summaries including debris types and collection totals as well as URL/web-based maps and dashboards that the City can share with the public.

As part of Hurricane Ian recovery efforts, Lee County, Florida, wanted to provide a public facing website to update residents on recovery progress. Working closely with the County, Thompson provided data and mapping information that was displayed through a public dashboard hosted by the County and available to citizens online and through mobile devices.



Thompson can also establish and staff a hotline to assist with public telephone inquiries and complaints regarding debris removal operations. Thompson will ensure that all calls are documented and assigned a status to track the complaint and resolution. Damage complaints concerning debris removal will be tracked and reported by debris contractor(s). All complaints will be provided to the project management team for resolution with the debris contractor. Thompson will provide a log of inquiries and complaints and their resolution to the City Project Manager on a weekly basis.

Mobilization | Debris Removal Contractor Coordination

Thompson recognizes that each disaster situation is going to be different and therefore promotes a collaborative working relationship with the City and their debris removal contractors. Immediately following a notice to proceed, Thompson will begin coordinating with the City and City contractors to synchronize mobilization and response activities. These activities may include:

Identification/Confirmation of Equipment Staging Area: If a staging location is identified during planning sessions and the site is compromised/unavailable due to the event, Thompson will work with

the contractor to identify an area outside of the impacted zone to stage equipment and begin equipment certification.

Emergency Push: Thompson will work with the City and contractor(s) to ensure that all hours and activities are well documented to substantiate FEMA reimbursement. Thompson will also work to expedite 70-hour push activities, focusing on the City's list of priority roadways, while ensuring that the period of performance adheres to FEMA's eligibility standards and all labor and equipment time is tracked and documented.

Zone Assignment to Contractors and Subcontractors: Thompson will work with the debris removal contractors to coordinate and schedule the appropriate number of crews for each pass. Zone parameters will be entered into TDMS to generate detailed reports by zone, contractor, debris type, etc.

Distinct Field Management Based on Authorized Scopes of Work: ADMS will be configured to discreetly document and manage multiple contractors and the type of debris that has been approved for collection. For example, if a contractor is tasked only with the collection of vegetative debris, the ADMS devices will only be configured to that specific debris type. A monitor will not be able to issue a ticket for C&D debris if the hauler has only been approved to collect vegetative debris.

DMS Permitting: Thompson will ensure that each contractor obtains environmental authorization and/or permits for DMS sites. Thompson will also work with each contractor to obtain copies of permits for final disposal locations.

Managing Multiple Contractors: If the City decides to activate multiple contractors, Thompson will assign a field operations manager for each contractor activated to streamline communications and ensure quality control.

Each contractor will be set up discreetly in TDMS which allows Thompson to provide the City with truck, collection, and disposal data broken out by contractor, including:

- Truck certifications
- Daily and cumulative collection totals
- Collection locations
- Eligible/ineligible ticket locations
- Collection debris type breakdowns

Mobilization | Damage Assessment

At the direction of the City, Thompson can assist with preliminary damage assessments in accordance with the FEMA Damage Assessment Operations Manual. Thompson will perform damage assessments with the City and City contractors to determine the scope of the damage, identify the need for special debris programs such as leaner/hanger/stump removal, and develop crew configurations and assignments. Damage assessment assistance may include, and is not limited to, participation in one or more of the following tasks:

- Identifying damaged facilities
- Documenting damages
- Documenting work and cost
- Other Considerations (codes and standards, repair vs. replacement, hazard mitigation etc.)

All damage assessment documentation will be captured, digitized, and managed using TDMS. This information will allow Thompson and the City Contractor(s) to develop budget estimates to be used for task orders and Project Worksheet development.

Estimation Methodology: For purposes of pre-event planning and understanding resource requirements, Thompson utilizes the US Army Corps of Engineers (USACE) debris-estimating model for developing debris estimates. The USACE developed this model based on debris generated by Hurricanes Frederic, Hugo and Andrew. The model contemplates the number of households in an urban/suburban area, as well as the category of storm, vegetative characteristics, commercial density and precipitation. The estimated quantities produced by the model have a predicted accuracy of $\pm 30\%$.

Because of the margin of error in the model, Thompson validates the modeled result via windshield surveying and unmanned aerial systems flyover assessments in a post-disaster scenario. Windshield surveys provide debris removal professionals the opportunity to estimate the quantity of debris per parcel surveyed, which can be extrapolated to include the number of parcels within jurisdictional limits of the community. Unmanned aerial systems flyover assessments are important because they provide Thompson with the ability to gauge the consistency of the damage across the jurisdiction and provide a means for identifying areas that have been compromised which may be isolated without means of conventional travel due to debris or flooding.

Mobilization | Onboarding and Training of Employees

Thompson’s staffing plans are designed to be flexible and scalable so that we can effectively and efficiently respond to the City’s needs no matter the operating climate. Typically, Thompson begins the process of recruiting and onboarding immediately upon contract award, not reactively following a notice to proceed. Thompson will issue contingent job postings through a variety of outlets to pre-identify a pool of candidates to serve as future debris collection and disposal monitors. Thompson will contact these candidates immediately following the issuance of a notice to proceed and simultaneously begin recruiting efforts for the City.

100+
monitors
onboarded daily

Thompson is fully prepared to deploy the appropriate number of fully trained field staff to the City within 24 hours of receiving a notice to proceed and will make every effort to hire residents from impacted communities within the City to serve as debris monitors. This effort will help residents participate in the City’s recovery efforts with a meaningful impact and earn a competitive hourly wage.

Ability to Onboard and Train within 24 Hours: Thompson has made a tremendous investment in our personnel, resources, technology, and tools to have the flexibility and scalability necessary to be an industry leader in debris monitoring. Part of this investment is in a proven process to identify, train, and equip local hires in a safe manner in extremely short periods of time.

The table below outlines Thompson’s local hire tasks and timelines to ensure that we deploy trained and safe local hires within 24 hours of a notice-to-proceed and fully staff the project within 72 hours of receipt of notice to proceed. Our project organization chart and key personnel are included in Section 7.

Table 5-3: Local Hire Task Summary

| Task | Mobilization Time |
|---|-------------------|
| Non- event local hire recruiting | Year-round |
| Local hire recruiting (activation imminent or issued) | 12-48 hours |

| Task | Mobilization Time |
|--|--|
| Driver motor vehicle record check | 12-48 hours |
| Health and safety training | 12-48 hours |
| Debris collection and disposal monitor training | 12-48 hours |
| TDMS – debris management system training | 12-48 hours |
| Issuance of personnel protective equipment (PPE) | First day of field operations for each monitor |
| Project is fully staffed | < 72 hours |

Thompson is extremely proud of our response time record and our ability to deploy resources quickly and efficiently in disaster situations across the country. Thompson maintains a professional recruiting and staffing department in-house so that we can respond quickly and efficiently to surge staffing demands regardless of the size and scale of the disaster incident. As an example of our staffing abilities, we have summarized our response times to previous disasters and resources deployed in the following table.

3,100+
field staff recruited
& hired following
Hurricane Helene

Table 5-4: Previous Response Times and Resources Deployed

| Disaster | Year | Number of Clients | Response Time | Field Staff Hired |
|---|------|-------------------|---------------------------|-------------------|
| Hurricane Milton (FEMA DR-4834) | 2024 | 28 | Within 12-24 hours of NTP | 2,690 |
| Hurricane Helene (FEMA DR-4827 - 4831) | 2024 | 33 | Within 12-24 hours of NTP | 3,110 |
| Hurricane Beryl (FEMA-DR-4738) | 2024 | 11 | Within 12-24 hours of NTP | 2,130 |
| TX Severe Storms (FEMA DR-4781) | 2024 | 6 | Within 48 hours of NTP | 730 |
| Hurricane Idalia (FEMA-4738, 4734) | 2023 | 10 | Within 12-24 hours of NTP | 240 |
| Hurricane Ian (FEMA DR-4673) | 2022 | 30 | Within 12-24 hours of NTP | 2,538 |
| New Mexico Wildfires (FEMA DR-4652) | 2022 | 1 | Within 12-24 hours of NTP | 125 |
| Kentucky Severe Winter Storm (FEMA DR-4592) | 2021 | 1 | Within 48 hours of NTP | 529 |
| Hurricane Ida (FEMA DR-4611) | 2021 | 13 | Within 12-24 hours of NTP | 2,900 |
| Hurricane Sally (FEMA DR-4563,4564) | 2020 | 10 | Within 12-24 hours of NTP | 1,425 |
| Hurricane Dorian (FEMA DR-4465) | 2019 | 2 | Within 24 hours of NTP | 160 |
| Hurricane Michael (FEMA DR-4399, 4400) | 2018 | 13 | 24 hours prior to NTP | 1,300 |
| Hurricane Florence (FEMA DR-4393, 4394) | 2018 | 13 | 48 hours prior to NTP | 989 |
| Hurricane Maria (FEMA DR-4339) | 2017 | 1 | Within 24 hours of NTP | 1,200 |
| Hurricane Irma (FEMA DR-4337, 4338) | 2017 | 47 | Within 12-24 hours of NTP | 1,600 |
| Hurricane Harvey (FEMA DR-4332) | 2017 | 6 | Within 12 hours of NTP | 200 |
| Hurricane Matthew (FEMA DR-4283-86) | 2016 | 17 | 48 hours prior to NTP | 600 |
| Louisiana Severe Flooding (FEMA DR-4277) | 2016 | 2 | 24 hours prior to NTP | 440 |
| South Carolina Severe Flooding (FEMA DR-4241) | 2015 | 1 | Within 48 hours of NTP | 55 |
| Winter Storm Pax (FEMA DR-4166) | 2014 | 6 | Within 48 hours of NTP | 475 |

Debris Program Implementation

Debris Program Implementation | Health and Safety Plan

Thompson employees are trained to put the safety of anyone on a jobsite above all else – even a project timeline. Our behavioral-based program enables employees to conduct risk assessments to identify and control or eliminate hazards. Most importantly, our employees are authorized and required to stop

work when safety is compromised. Our employees work in a variety of environments, from the field to the office. We believe that the health and safety of our employees are best protected when our activities are properly planned, so we work in advance to determine the different types of training and information our employees need.

Thompson will implement a Health and Safety Plan (HSP) that outlines site-specific precautions to avoid and mitigate the risk of hazards associated with work performed in the elements, around heavy equipment, near tree work, and close to vehicle traffic. The HSP will establish that work performed on the project shall comply with all applicable OSHA, State of Kansas, and all other safety requirements provided by FEMA and its authorized contractors. Thompson will also provide a hard hat, reflective vest, safety glasses and hearing equipment to collection and disposal monitors, and field supervisors.

In addition, Thompson will ensure that all collection and disposal monitors, and field supervisors report to work with a cell phone, protective shoes, long pants, hot, cold, and/or wet weather gear, sunscreen, and a supply of bottled water.

Debris Program Implementation | Truck Certification

In accordance with FEMA PAPPG standards, Thompson will complete equipment check-in and certification of trucks and other equipment mobilized by the Contractor so that debris removal operations can be recorded and substantiated in accordance with the terms, conditions, and unit rates in City’s debris removal contract. To comply with these standards, Thompson will observe and record the following information during truck certifications:

- Valid truck registration
- Volumetric capacity of the inside of the loading container
- Calculated deductions of volumetric capacity for dog boxes, round container bottoms, and other volumetric capacity reductions
- Brief physical description of the truck
- Photographs of the truck and container

Thompson will assign a unique identification number to each truck and a placard with the truck number affixed to each side of the debris removal truck.

Debris Program Implementation | Deploy Field Supervisors

Thompson will deploy Field Supervisors at a 10 monitor: 1 supervisor ratio to oversee, document, and substantiate debris removal efforts efficiently and effectively. Field Supervisors will:

- Be prepared to operate a minimum of 12-14 hours per day, 7 days per week
- Verify that only eligible debris is being removed from designated public ROW and public property within assigned collection zones
- Maintain regular communication with and ensure that collection monitors are documenting the collection and removal of eligible debris from approved public areas
- Confirm the completeness and accuracy of load tickets and field documentation generated by collection monitors to substantiate debris removal operations

10:1
monitor to
supervisor ratio

- Identify, address, and troubleshoot any issues that could impact work safety and eligibility
- Suggest methods to improve the efficiency of collection and removal of debris

Field Personnel Timekeeping: After operations conclude each evening, Thompson project managers will perform a review on all clock in/clock out times to ensure that electronic time stamps are captured in TDMS. Time entries will be finalized on a nightly basis. Following each work week, individual monitor time logs are distributed in the field by Supervisors for employee review and approval. Any discrepancies are reviewed and reconciled by management before the monitor signs their timesheet.

Debris Program Implementation | Deploy Debris Collection Monitors

Thompson will deploy a debris removal collection monitor for each piece of loading equipment deployed by the Contractor. The Collection Monitor’s primary responsibility is to observe, document, and substantiate the removal of eligible storm debris from City property and other collection zones identified and approved by the City. The Collection Monitor will be responsible for:

- Ensuring that only eligible, disaster related debris is removed for loading and hauling from approved public areas
- Utilizing maps developed by the City and debris removal contractor that designate work zones
- Ensuring that debris collected is in accordance with the regulations, safety considerations, and contract terms of the specific waste stream (i.e., hazardous waste is not loaded into container of clean vegetative debris, etc.)
- Recording the time, date, disaster number, truck number, and loading location using TDMS
- Issuing load ticket to driver when loading container is fully loaded
- Ensuring that debris loads are contained properly in the loading container prior to the departure of the truck from the loading location to the DMS
- Checking for safety considerations / areas of potential problems (school zone, utility meters, power lines, mailboxes, etc.) and reporting to the Field Supervisor
- Recording and reporting any damages caused to streets, curbs, utility meters, mailboxes, and other public property because of debris removal operations including photos, owner information, and circumstances of the damage within 24 hours of incident
- Ensuring all white goods and freon containing appliances are sorted and ready for freon removal on site or separate transport for Freon removal before final disposal
- Certifying household hazardous wastes (HHW) are segregated, handled, loaded, and hauled in accordance with environmental laws and local, state, and federal regulations. HHW must be handled by specialists licensed by KDHE
- Ensuring work area is clear of debris to the specified level before equipment moves to a new loading area
- Remaining in constant contact with their Field Supervisor
- Other duties as directed by debris management project manager or designated City personnel

eligibility:

- eliminates threat to public health and safety
- result of the disaster
- located within assigned collection zone and on the right-of-way

Debris Program Implementation | Deploy Hazardous Leaning Tree, Hanging Limb, and Stump Removal Monitors

Thompson anticipates beginning hazardous tree removal operations prior to or concurrent with right-of-way (ROW) debris collection. By getting the bucket trucks out ahead of the debris removal trucks with hazardous tree and limb removal, the overall collection operation will be more efficient. Thompson will ensure that hazardous stumps are pre-approved by FEMA and that the stump removal process is documented to include before and after photographs and GPS coordinates. The leaner, hanger, and stump monitor will be responsible for:

- Ensuring that only eligible leaners, hangers, and stumps are removed, as defined by FEMA PAPPG, from approved public areas
- Recording the date, GPS location, physical address, and time that the work was performed
- Measuring the eligible tree work in accordance with the City's contract
- Photo documenting the work performed to facilitate an audit ready paper trail for FEMA review

Debris Program Implementation | Deploy Debris Management Site Disposal Monitors

Thompson will work with the City and their contractor(s) to establish the appropriate number of debris management site (DMS) required and staff each site with trained DMS Disposal Monitors. Disposal Monitors are responsible for completing the load transactions and recording debris volumes for loads that have been transported to the DMS for processing and storage or final disposal. DMS monitors will remain in contact with Field Supervisors and report any issues at the DMS site immediately. Disposal Monitors are responsible for observing and recording the following information:

- Debris classification
- Debris load call/volume estimation
- Truck unloading time and date
- Ensure that trucks are completely unloaded at the DMS
- Identify hand-loaded trucks and trailers to grade in accordance with low load compaction
- Use badge credentials to electronically sign each ticket
- Record load information from other agencies/entities that utilize City debris management sites
- Ensure white goods and freon containing appliances are sorted and ready for freon removal
- Document that white goods are cleaned and processed to remove putrescent debris inside and all oils, solvents, and refrigerants are removed
- Verify and document that DMS has ample space to process collected white goods
- Ensure hazardous and household hazardous wastes are segregated, handled, stored, and disposed in accordance with environmental laws and local, state, and federal regulations
- Document and immediately report any improper segregation of hazardous waste debris
- Observe site safety and security and report any concerns or issues

The construction of debris observation towers in accordance with USACE and FEMA specifications are the responsibility of the debris contractor.

Debris Disposal Diversion: Thompson will work with the City and KDHE to develop a recycling/debris diversion plan that minimizes the amount of potentially recyclable debris disposed of at landfills. White

goods, e-waste, metals, vegetative and other types of debris may be processed and recycled. Thompson will ensure that salvage operations are documented separately in accordance with FEMA policy.

Debris Program Implementation | Damage Complaint Tracking

Mitigating Damages: Thompson will proactively work with debris removal contractor(s) to discuss operational conditions to mitigate damages. Collection and Disposal Monitors are trained to identify and notify the debris removal contractors of potential causes damages before they occur. Thompson can also appoint a Field Supervisor dedicated to receiving and documenting damages that occur and are reported from the Collection and Disposal Monitors.

Documenting Damages: Collection and Disposal Monitors and Field Supervisors will be trained on the process for reporting and documenting damages, in addition Thompson will also appoint a dedicated Field Supervisor to each work zone for receiving damage reports and documenting all required information to track the incident from occurrence through resolution, including photographs, descriptions, and GPS coordinates.

Tracking Damages: Thompson will assign a unique work order number to each damage complaint and will track the work order by the GPS coordinate of the complaint. A map will be maintained of all damage related work orders showing the status (identified, verified, and resolved) of each incident. Thompson will maintain the following information for each damage complaint work order and organize work orders by service area:

- Work order point of contact
- Responsible contractor/sub-contractor
- Photographs of damage
- Description of actions by responsible party
- Photographs/other evidence of repair
- Cost summary, if available

Debris Program Implementation | Special Debris Removal Programs

The damage caused by major debris events including tornadoes and flooding often create the need for special debris removal programs which include, but limited to:

- Private property debris removal (PPDR)
- Debris removal and restoration of waterways and canals
- Debris removal from parks and recreation trails
- Vehicle recovery and disposal
- Hazardous waste and contaminated debris management
- Debris removal from storm drains and catch basins

To the extent necessary, Thompson management staff will review existing maintenance records to establish the pre-disaster conditions and ensure compliance with FEMA policy and work with the City’s contractors, KDEM, KDHE, NRCS, USACE and other regulatory agencies to expeditiously remove storm generated debris from affected public facilities. Special debris program monitors will be responsible for:

- Demonstrating that the debris/sediment/vehicle presents a hazard or immediate threat to public health and safety
- Ensuring that only eligible debris is removed per FEMA PAPPG from approved public areas
- Ensuring that contaminated debris/soil is handled, processed, and disposed in accordance with the type of contaminant

- Verifying that any contaminated disaster-related debris is addressed by the specialist from KDHE and/or EPA and managed appropriately in the designated areas
- Recording the date, GPS location, physical address, and time that the work was performed
- Measure the eligible debris removal in accordance with the City’s contract (e.g., linear foot)
- Ensuring vehicles are abandoned, i.e., the vehicle is not the owner’s property and ownership is undetermined
- Verifying and documenting the chain of custody, transport and disposal of the vehicle
- Photo documenting the work performed to facilitate an audit ready paper trail for FEMA review

Private Property Debris Removal (PPDR) Monitoring: Thompson has extensive experience in developing and implementing private property debris removal (PPDR) programs, including the management of many of the largest multi-phase, multi-property demolition and housing initiatives in the United States over the past ten (10) years.

Thompson will review local ordinances and design a PPDR program that demonstrates and documents that local governments have the legal authority (and FEMA eligibility) to perform a variety of debris removal programs on private property. We have performed comprehensive PPDR ordinance feasibility reviews and PPDR program implementation in California, Puerto Rico, Texas, Alabama, Mississippi, Louisiana, and Florida. To ensure that the PPDR program is successful, Thompson will have the following objectives during ordinance review:

- Identify an ordinance that clearly grants the City with the authority to enter private property to remove and dispose of debris, such as a nuisance abatement or public nuisance ordinance. This is critical to establish legal authority and FEMA eligibility.
- Establish a multi-step process to ensure all proper notifications are made to property owners.
- Develop a public outreach plan to ensure that residents in need can participate in the program.

Upon review and approval of PPDR program by the City, KDEM, and FEMA Thompson will implement and document the program to maximize available reimbursement. PPDR programs may include:

- Vegetative, construction and demolition (C&D), and mixed waste debris removal
- Residential and commercial structural demolitions
- Leaner, hanger, and stump removal

In managing, monitoring, and documenting PPDR programs, Thompson will develop a property identification number for each property. Each property will have a PPDR “packet” that documents the following information:

- | | |
|---|--|
| • Ordinance granting legal authority under which the private property debris removal work was performed | • FEMA Historic Preservation review / approval |
| • Documentation of all necessary actions taken to satisfy the requirements of the ordinance | • Documentation of asbestos abatement (if necessary) |
| • Notification to property owner | • Documentation of utility disconnections (if necessary) |
| • Posting on property | • Field documents and site schematic documenting eligible work performed |
| • Executed Right-of Entry Agreement | • Before/after photographs |
| • FEMA/KDEM Approval | • Property close-out documentation |

All PPDR documentation is managed through multiple elements of TDMS, including organizing and storing program and property documentation, mapping, and property status and program statistics.

Figure 5-7: TDMSweb Management and Administration of PPDR Documents

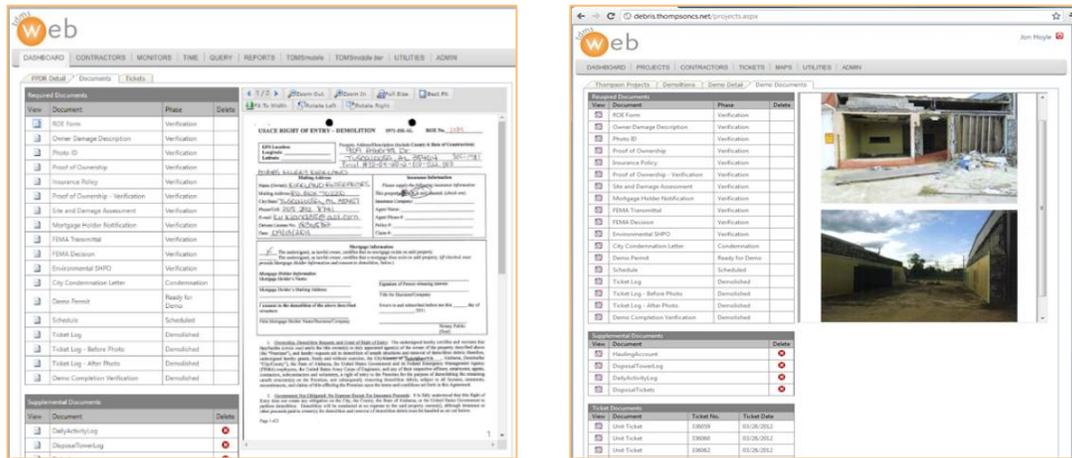
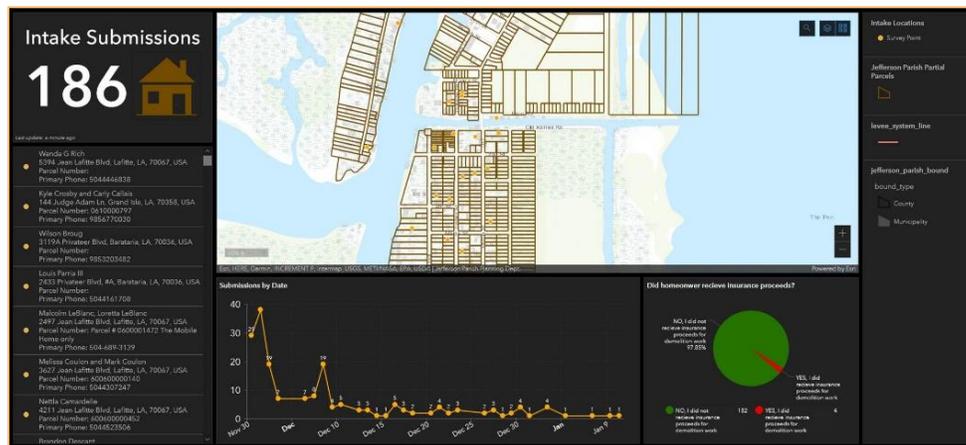


Figure 5-8: PPDR Applicant Intake Dashboard



Data Management

Thompson utilizes technology as integral part of its approach to providing debris removal monitoring services for purposes of quality assurance/quality control (QA/QC), contractor invoice reconciliation, and reporting.

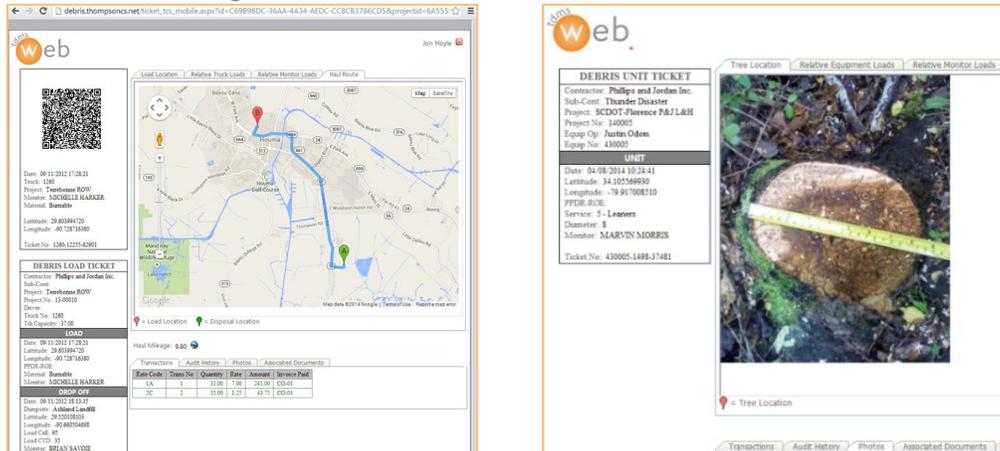
Data Management | Quality Control / Quality Assurance

Debris collection and disposal information generated from tickets created in the field utilizing TDMSmobile is uploaded into a secure electronic disaster debris data management system, TDMSweb, that summarizes debris quantities to include collection and disposal information by date, debris type, collection zone, and collection and disposal location. This information is reviewed daily through Thompson’s quality assurance/quality control (QA/QC) queries and parameters which check of irregularities and outliers. Such queries and parameters include:

- Count of loads by collection truck
- Average load call by truck

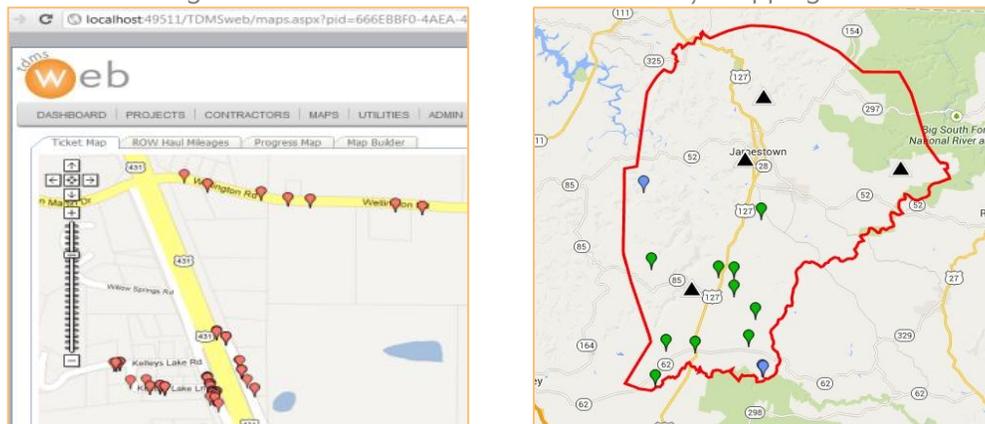
- Trip time per load
- Trip distance
- Average load call by disposal monitor
- Count of loads by collection location

Figure 5-9: Ticket Data Presented in TDMSweb



Thompson will also plot daily collection activities using GIS software to review collection locations against eligible City boundaries to ensure collection is occurring in designated work zones.

Figure 5-10: Ticket Location and Boundary Mapping



Data Management | Reporting

Thompson collects a large amount of information from field operations daily and can provide our clients a variety of reports, maps, and dashboards to summarize this information. We develop and manage all reports in-house and can customize each product based on the client’s reporting needs and program configuration.

Daily Debris Collection Report: Thompson’s Daily Debris Collection Report is produced each day and summarizes the previous day’s field activities as well as providing project metrics and trend reporting. This can include, daily and cumulative haul totals or unit counts for each type of debris collected along with several other totals and statistics including but limited to:

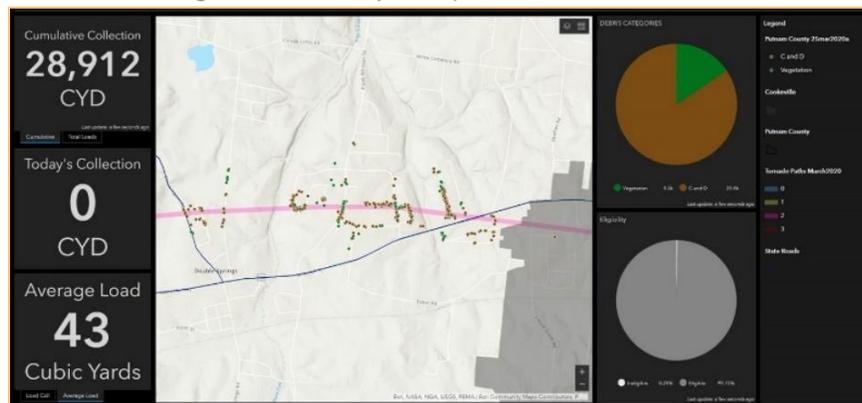
- Date of reporting, client, disaster number, project, and contract number
- Minimum, maximum, and average load size

- Summary of the previous day’s activities
- Number of contractor certified equipment in field
- Total number of monitors in the field
- Average load call percentage
- Days from debris removal start date
- Days from FEMA Disaster Incident start
- Disposal locations with debris totals

The main body of the report contains standard reporting metrics to meet the requirements of FEMA, however, Thompson can adjust the Daily Debris Collection Report to also meet the needs of any additional contractual (e.g., requirement of minimum contractor trucks in field within a certain hours/days timeframe) or local needs (e.g., collection or political zones or districts).

GIS Mapping and Dashboards: Thompson can also provide project data through GIS mapping and dashboards that also displays real time data including daily and cumulative collection totals, collection locations, eligible/ineligible ticket locations, collection debris type breakdowns, etc.

Figure 5-10: Project Operations Dashboard



Our goal is to provide efficient and effective insight into the debris removal and recovery operation through a customized approach to avoid submitting an unnecessary or overwhelming amount of “off the shelf” reports.

Field Documentation: Thompson captures a variety of physical and digital field documentation through logs and our automated debris management system. Unique to Thompson, our process retains one physical copy of the electronic receipts created at the disposal site or in the field for unit rate work. These paper copies are housed with the other paper field logs throughout the life of the project as a backup for any technical issue that may arise in the field. Additional copies of the paper ticket are provided to the truck driver, scale house (if applicable) and the debris contractor representative.

TDMSportal: A main component of TDMS, the TDMSportal, serves as the client and contractor information center. The TDMSportal provides real-time access to project related documents and data, including but not limited to:

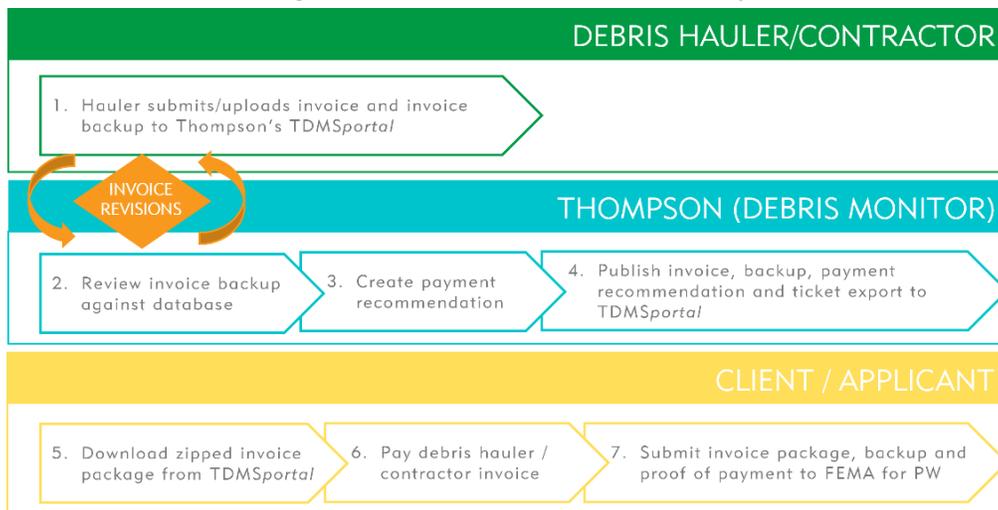
- Contract documents
- Environmental permits
- Truck Certifications
- Ticket and image details
- Daily Reports
- Maps (live, progress, pass, roadway)
- Contractor invoice packages
- Monitor invoice packages

Data Management | Invoice Reconciliation

Thompson will perform a thorough review and reconciliation of contractor invoices submitted to the City. For contractor payments to be verified as accurate and correct, Thompson verifies truck certification, load transactions and unit rate transactions with its database. The reconciliation will include a review of the collection date, time, and location, as well as the debris volume, disposal time and location submitted by the Contractor against the data maintained by Thompson on behalf of the City. Upon completing the verification of each record being claimed for payment, Thompson will render a payment recommendation to the City. Thompson’s payment recommendation will include the following:

- A copy of the contractor invoice
- Invoice back-up organized by program, date, service type, contract line item, and location
- A summary of discrepancies identified
- A payment recommendation report
- A cover letter summarizing the reconciliation findings and payment recommendation

Figure 5-11: Invoice Process Summary



Closeout

Thompson’s team of consultants, engineers, cost estimators and subject matter experts are disaster recovery and grant management practitioners and implementers that maintain an active knowledge of federal policy and industry leading expertise in navigating federal programs to maximize and retain federal funding for impacted communities.

FEMA PA Worksheet Development

Thompson will assist the City with developing Project Worksheets (PWs) and necessary documentation to substantiate cost claims to FEMA for the Public Assistance (PA) program. Thompson will deploy consultants to coordinate PA operations with KDEM officials and prepare small and large project PWs to capture eligible costs incurred by the City. Throughout the PA process, Thompson carefully tracks all associated labor and expenses in accordance with FEMA DAP 9525.9, outlining eligibility requirements

for reimbursement of Direct Administrative Costs (DAC), allowing the City to be reimbursed for the majority of Thompson's PA Consulting costs. Though some costs may remain ineligible for reimbursement by declaration in federal guidelines (i.e., indirect costs for FEMA PA), Thompson's emphasis on efficient performance and accurate cost tracking will ensure the City receives maximum reimbursement for Thompson's services.

Thompson applies a forward-thinking, collaborative, and cost-effective approach to FEMA PA consulting. Our tried and tested consultants are knowledgeable of PA program policy, requirements, and best-practices and draw upon experience to make certain PWs are efficiently and properly prepared, and whenever possible, are audit-ready at the time of submission. Through encouraging transparency between the City, KDEM, and FEMA, Thompson will seek to expedite City's recovery process, maximize reimbursement, and limit the need for post-submittal administration including audit preparation and appeals support. Thompson consultants have experience preparing and administering PWs in all categories of work (A-G and Z).

Audit Ready Documentation

Throughout the duration of the project, the City will be provided access to the TDMS*portal*, which will include all project documentation and reports required by FEMA for review. Thompson's documentation process mirrors the FEMA GrantsPortal to expedite the submittal and review process.

For example, all reconciled invoices are delivered to the City for submission to FEMA as audit ready packages which include the contractor invoice, all supporting data in MS excel, Thompson's payment recommendation and an Adobe PDF of all associated load and unit tickets. Upon project completion, Thompson will provide the City with a final report that captures all reconciled cumulative project totals, with quantities broken out by debris type, DMS site, and final disposal location. A separate cost report, broken out by contract line item, will also be provided at project completion.

Audit Support

To the extent necessary, Thompson will provide the City with first and second appeal support for unfunded or de-obligated disaster related projects or initiatives that the City and Thompson mutually agree may be determined eligible by FEMA based on a re-review of existing project documentation or other review of new information presented to substantiate the eligibility of the project.

SECTION 6

Outline of Experience

Past Project Performance

Experience with the City

Thompson has served as the City’s stand-by debris monitoring services provider since **2022**. During this time, the City has not needed to activate Thompson to perform services following a disaster event. We have provided assistance as needed to the City and at the planning and preparedness level attended annual City disaster exercises throughout the 3-year contract duration. Our dedication to pre-event planning and support helped to ensure that both the City and Thompson maintained operational readiness for respond within **24** hours of a notice to proceed.

Thompson’s past disaster recovery experience in the State of Kansas and our working knowledge of the City’s infrastructure, staff and departments critical to recovery, as well as potential operational challenges make us uniquely qualified to continue to support the City.

Relevant Specialized Experience

The following select project examples highlight our experience and capabilities performing similar services to the scope of work requested by City and include several recent examples that demonstrate our experience and ability to guide local governments to meet the FEMA Public Assistance Program eligibility requirements for debris removal and monitoring.

In addition, many of these projects provide evidence of our ability to perform damage assessment, right-of-way monitoring, hazardous leaner/hanger removal, private property debris removal (PPDR), disposal site monitoring, solid and hazardous waste management and FEMA reimbursement.

48+
projects
documenting
over 1M CY of
debris

City of Topeka, Kansas

Aug. – Sep. 2024

Disaster Debris Removal Monitoring

Debris Quantity: 62,350 CY

2024 Severe Storms: Thompson assisted the City with their debris removal operations in response to severe storms, which produced extremely strong and damaging winds. Following a notice-to-proceed, Thompson immediately engaged with the City to begin onboarding and training local residents to serve as temporary debris removal monitors. Thompson coordinated closely with the City and City contractors to start recovery efforts as quickly as possible. Overall, Thompson monitored the removal of approximately 62,350 cubic yards of debris from City rights-of-way completing operations in less than thirty (30) days. During project operations, Thompson certified the use of eighteen (18) pieces of debris removal and hauling equipment and engaged over twenty-five (25) local residents to assist in the City’s recovery.

City of Bentonville, Arkansas

June 2024 - Present

Debris Removal Monitoring & Parks Projects / FEMA PA Support

Debris Quantity: 333,000 CY

2024 Severe Storms, Flooding & Tornadoes: The State of Arkansas was impacted by several severe storms that produced numerous tornados and flash flooding due to increased and prolonged rainfall. The City of Bentonville activated Thompson to provide disaster debris removal monitoring services, and Thompson deployed

equipment and personnel to begin hiring local debris monitors in order to begin recovery operations as quickly as possible. The City is well known for its expansive parks and trail systems and is considered one of the top destinations for mountain biking in the Nation drawing visitors from across the United States. Thompson has worked closely with the City and City debris removal contractors to expedite park and trail debris removal projects ultimately monitoring the removal of over 17,000 cubic yards of debris and over 1,300 hazardous limbs and trees from parks and trails in the first 14-days of the debris removal project. Overall, Thompson monitored the removal of over 333,000 cubic yards of debris and over 2,300 hazardous limbs and trees throughout the City including rights-of-way and facilities.

In addition, Thompson is assisting the City with the recovery of FEMA Public Assistance (PA) funding. The City's damages included Category A-G work with Thompson supporting submittals for emergency protective measure, debris removal, roads and bridges, parks and utilities, and buildings/equipment as well as providing recovery management services and expediting projects that total over \$18 million.

City of Houston, Texas

May 2024 – Present

Debris Removal Monitoring, PPDR & FEMA PA Support

Debris Quantity: 6,694,000 CY

2024 Hurricane Beryl: Following the devastating impacts of Hurricane Beryl, Thompson was tasked with providing debris monitoring and disaster recovery cost reimbursement services on behalf of the City. Thompson has worked closely with the City as well as the City's debris removal contractors during simultaneous activations for multiple declared disasters, ensuring waste operations are documented separately. Debris removal operations from City right-of ways and private gated communities are ongoing, and thus far Thompson has monitored the removal of over 3.6 million cubic yards of debris as well as the removal of 50,000 hazardous hanging or leaning limbs and trees throughout the City.



Thompson is also assisting the City with the recovery of FEMA Public Assistance (PA) funding. The City's damages included Category A-B work and Category Z work, with Thompson supporting submittals for emergency work expenditures as well as providing recovery management services, developing cost estimates, calculating departmental force account labor and equipment, successfully requesting Immediate Needs Funding (INF), and expediting projects that total over \$105 million.

2024 Severe Storms, Straight-line Winds, Tornadoes, and Flooding: Thompson was activated by the City to perform disaster debris removal monitoring services following severe storms, straight-line winds, tornadoes, and flooding. Thompson was able to immediately mobilize equipment and begin hiring local residents to serve as temporary debris monitors following a notice-to-proceed. Operations are ongoing, however thus far, Thompson has monitored the removal of over 3 million cubic yards of debris as well as the removal of over 29,000 hazardous and hanging limbs, trees, and stumps throughout the City. This includes over 21,950 cubic yards of debris and approximately 5,000 limbs and trees from City maintained parks and trails.

In addition, Thompson is currently assisting the City in the preparation and calculation of departmental force account labor and equipment, as well as submitting and processing PWs and Immediate Needs Funding (INF) requests for FEMA review and reimbursement. Thompson is ultimately supporting the City in applying for the reimbursement of over \$40 million in federal funds.

City of Sand Springs, Oklahoma

July – August 2023

Severe Storms and Derecho

Debris Quantity: 96,000 CY

2023 Severe Storms & Derecho: The City of Sand Springs was battered with violent, tornado-like winds from a strong storm causing widespread vegetative debris throughout the City. Following activation and a notice to proceed from the City, Thompson immediately began coordinating with the City's debris hauler and implementing operations. Thompson documented the collection and disposal of vegetative debris, as well as

hazardous limbs, trees and stumps resulting in the substantiation of nearly 96,000 cubic yards of debris, 1,500 hazardous limbs, 66 trees and 25 stumps, Thompson certified 36 pieces of equipment and worked closely with the debris removal contractor and the City to complete debris removal operations in 45 days.

Jackson County, Mississippi

Oct. – Dec. 2020 / Sept. 2012

Hurricane Disaster Debris Removal Monitoring

Debris Quantity: 438,000 / 4,000 CY

2020 Hurricane Zeta: Hurricane Zeta made landfall in southeastern Louisiana and crossed over to the Mississippi coastline impacting Jackson County with significant storm surge, high winds and heavy rainfall. The County activated their pre-position contract with Thompson to perform debris removal monitoring services, and Thompson immediately began coordinating with the County’s debris hauler and implementing operations. Thompson monitored the removal of over 430,000 cubic yards of debris from County right-of-way as well as monitored special beach and parks debris removal programs.

2012 Hurricane Isaac: Following Hurricane Isaac’s landfall along the Mississippi-Louisiana Gulf Coast, Thompson immediately responded to the County by deploying a field management team to train and on-board local staff and residents to monitor and document debris removal operations that were performed by County force account resources. While the County had sufficient resources to perform debris removal operations with County staff and equipment, Thompson was engaged to ensure that debris removal was conducted in accordance with FEMA guidelines, and that all debris was tracked and documented for FEMA reimbursement. Thompson worked in coordination with the County, MEMA, MDEQ, and FEMA to certify County equipment, monitor vegetative and construction and demolition (C&D) debris removal from County ROW, and substantiate debris quantities at the debris management site to support reimbursement.

City of Norman, Oklahoma

Nov. 2020 – Feb. 2021

Disaster Debris Removal Monitoring & Parks Projects

Debris Quantity: 572,000 CY

2020 Ice Storm: The City of Norman was severely impacted by a rare ice storm in 2020, causing widespread damage and generating large amounts of vegetative debris. Following an emergency procurement period, the City chose Thompson as their debris monitoring services contractor. Thompson was able to immediately deploy personnel and resources to the City in order to begin monitoring debris removal operations. Overall, Thompson substantiated the removal and disposal of over 572,000 cubic yards of debris on behalf of the City and over 10,000 hazardous limbs and trees.



Additionally, Thompson supported the City in administering special debris removal programs including debris removal within City parks and gated communities. Over 4,150 cubic yards of debris and over 725 hazardous limbs and trees were removed from the City’s parks.

City of Sugar Land, Texas

July – Sept. 2024

Disaster Debris Removal Monitoring

Debris Quantity: 232,000 CY

2024 Hurricane Beryl: The City of Sugar Land activated Thompson’s stand-by debris removal monitoring contract following Hurricane Beryl, which devastated the Gulf Coast. The City was impacted by severe winds, widespread flooding, and tornados. Thompson mobilized management staff and equipment resources to begin operations and ultimately hired over 125 local residents to serve as temporary debris monitors. Thompson assisted the City in debris removal monitoring projects including right-of-way debris removal, parks and trails debris removal, and debris removal from City maintained facilities. Thompson monitored the removal of over 232,000 cubic yards of debris as well as the removal of 12,300 hazardous hanging or leaning limbs and trees.

Lee County, Florida

2017, 2022, 2024

Disaster Debris Removal Monitoring

Debris Quantity: 11,089,400 CY

2024 Hurricanes Helene & Milton: The State of Florida was severely impacted by back-to-back hurricanes Helene and Milton in 2024 which produced a large amount of damage and debris. Thompson assisted the County in their recovery efforts which included programs such as right-of-way debris removal, hazardous and hanging limbs and tree removal, as well as debris removal from County parks. Thompson has monitored the removal of over 153,400 cubic yards of debris and over 430 hazardous limbs and trees throughout the County resulting from the disaster events. This includes monitoring debris disposal at seven (7) active debris management sites and staffing over 120 temporary field staff.



2022 Hurricane Ian: Hurricane Ian was one of the deadliest hurricanes to impact the State of Florida and caused widespread flooding and extensive damage. Lee County was greatly impacted due to storm surge and high winds causing large amounts of debris and infrastructure damage. Thompson was once again called upon by the County to provide debris removal monitoring and recovery services and was able to respond immediately. Thus far, Thompson has substantiated the removal of over 8,580,000 cubic yards of debris from the County. Additionally, Thompson has monitored the removal of over 43,450 hazardous limbs and trees throughout the County.

2017 Hurricane Irma: As Lee County braced for the potential impact of Hurricane Irma, the strongest Atlantic basin hurricane ever recorded, they activated Thompson’s contract for debris removal monitoring services, and Thompson prepared to deploy a response team to the County immediately following the passage of Hurricane Irma. Hurricane Irma made a secondary U.S. landfall just South of Lee County, however still passed through the County as a strong devastating storm. Hurricane Irma left property damage, flooding from rainfall, and downed trees and power lines throughout the County.

Thompson began operations immediately upon receiving a notice to proceed and working closely with the County’s debris removal contractor to quickly begin debris removal operations. Thompson monitored the removal of over 2,356,000 cubic yards of debris from County ROW, and performed special debris removal programs including commercial, parks, and utilities ROW removal monitoring. Thomson also monitored the removal of over 70,000 hazardous limbs, and 4,000 trees throughout the County. In addition, Thompson substantiated the removal of nearly 10,000 CY of vegetation from County waterways.

Terrebonne Parish, Louisiana

2012, 2019, 2020, 2021, 2024

Disaster Debris Removal Monitoring & PPDR

Debris Quantity: 4,697,500 CY

2024 Hurricane Francine: The Parish once again activated Thompson’s standby disaster recovery and debris removal monitoring services agreement following the severe impacts of Hurricane Francine. Thompson assisted the Parish in performing right-of-way debris removal, levee and waterway debris removal, and hazardous tree and limb removal programs accounting for the collection and disposal of over 252,500 cubic yards of debris and over 375 hanging/leaning trees and limbs.

2021 Hurricane Ida: Following the devastating effects of Hurricane Ida, Thompson was activated by the Parish to monitor debris removal efforts. The Parish performed various debris removal operations including right-of-way debris removal, private property debris removal and program administration, hazardous leaning/hanging trees and limb removal, and waterway/marine debris removal. Overall, Thompson monitored the removal of over 4.3 million cubic yards of debris from the Parish including over 13,000 cubic yards of debris from parish waterways and over 5,600 hazardous hanging limbs and leaning trees.

2020 Hurricane Zeta: In October 2020, Hurricane Zeta produced extremely strong winds and heavy rains causing severe damage to the Southeastern United States. The Parish activated Thompson’s stand-by debris monitoring contract to support right-of-way debris removal operations throughout the Parish. Thompson was able to

quickly mobilize and perform expeditious and efficient monitoring of the removal of over 12,000 cubic yards of debris from the Parish.

2019 Hurricane Barry: Following Hurricane Barry, the Parish activated Thompson to assist in monitoring and documenting debris removal efforts. Thompson immediately mobilized to the Parish and began implementing debris removal monitoring operations. In just two weeks, Thompson substantiated nearly 52,000 cubic yards of debris and assisted the Parish in a swift and efficient recovery operation.

2012 Hurricane Isaac: After Hurricane Isaac made landfall, Thompson immediately responded to Terrebonne Parish by deploying a field management team to train and on-board local residents to monitor and document emergency push and debris removal operations. Thompson worked with Terrebonne Parish on an expedited debris removal schedule, and after close coordination with the Governor’s Office of Homeland Security and Emergency Preparedness (GOHSEP), Louisiana Department of Environmental Quality (LDEQ), and FEMA, completed emergency time and materials as well as ROW debris removal in less than 30 days. Thompson managed and documented the removal of nearly 56,000 CY of debris in order to satisfy FEMA and State reimbursement requirements.

New Mexico Department of Transportation

Oct. 2022 – Ongoing

Wildfire Debris Removal & Acequias Assessment/ Monitoring

Debris Quantity: 253,000 Tons

2022 Wildfires, Flooding, and Mudflows: Thompson was selected by the New Mexico Department of Transportation (NMDOT) to provide program management, disaster monitoring, and Public Assistance grant management services following wildfires, flooding, and mudflows in 2022. Thompson’s initial assignment was the program management and monitoring of debris removal and fire-damaged trees from NMDOT roads and county roads in San Miguel and Mora Counties. Nearly 10,000 dead or dying trees were identified by Thompson arborists and removed by the NMDOT contractor. Thompson was also tasked by NMDOT to provide program management and monitoring services for acequias that entered into a Memorandum of Agreement (MOA) with NMDOT. Once an MOA was established, Thompson conducted site assessments of an acequia and worked with the NMDOT contractor to develop a detailed scope of work document that included the estimated linear feet for debris removal, access points, and types of equipment to be used to complete the work. The third phase of program management and monitoring services provided to NMDOT was the management and monitoring of private property debris removal. FEMA and the United States Army Corps of Engineers (USACE) requested NMDOT to take on the remaining and new applications for private property and structural demolition debris removal services. As a result, Thompson has been tasked with supporting NMDOT with the program management of Private Property Debris Removal (PPDR). Thompson’s PPDR services include parcel assessments, hazard tree assessments, asbestos testing, historic and environmental compliance reviews, and debris removal monitoring.



Travis County, Texas

July 2025 – Ongoing

Hazardous Site Assessment & Debris Removal Monitoring

Debris Quantity: 185,000 CY

2025 Severe Flooding: In July of 2025, the Hill Country region of Texas experienced significant and prolonged rainfall resulting in severe flash flooding. The Big Sandy Creek and Cow Creek within Travis County rose to historic levels and caused severe flooding within areas of the County. As the County’s stand-by disaster recovery services provider, Thompson responded immediately with personnel and equipment following a notice-to-proceed. Thompson first assisted the County with right-of-way and citizen drop off monitoring. However, the County also required specialized services related to private property debris removal (PPDR) and waterways assessments.



As part of the PPDR program, Thompson assisted the County in obtaining right-of-entry (ROE) agreements and verification of ownership through tax records and parcel maps. Following the collection of ROEs, Thompson completed outreach to residents to arrange for Hazard Site Assessment (HSA) to be completed. Thompson completed 79 HSA reports to document property conditions, underground utilities, overhead power lines, septic systems, vehicles, vessels, and eligible disaster debris. Additionally, Thompson monitored the removal of debris from 39 properties before the County transitioned to a State managed debris removal program. Prior to that transition, Thompson monitored and documented the removal of over 119,000 cubic yards of debris from right-of-way, private property, and waterways in less than sixty (60) days.

Mobile County, Alabama

Sept. 2020 – Apr. 2021

Disaster Debris Removal Monitoring

Debris Quantity: 4,400,000 CY

Thompson has a long history of supporting the County during disaster recovery efforts following some of the most devastating disaster events to impact the United States. Thompson provided disaster response and recovery services to the County following Hurricane Katrina in 2005 which resulted in the removal of over 785,000 cubic yards of debris throughout the County.

2020 Hurricane Sally & Zeta: Thompson was activated by the County to perform disaster debris removal monitoring services following Hurricanes Sally and Zeta in 2020. Thompson coordinated closely with the County and their debris removal hauler to monitor and document the removal of over 270,400 and 263,000 cubic yards of debris from Hurricanes Sally and Zeta respectively. Additionally, Thompson monitored the removal of over 45,000 hazardous leaning and hanging limbs and trees from the County.

Putnam County, Tennessee

Mar. – May 2019 / Mar. – June 2015

Disaster Debris Removal Monitoring

Debris Quantity: 77,000 / 140,000 CY

2019 Severe Storms & Tornadoes: Following severe storms and an EF-3 tornado causing widespread vegetative and construction debris, Putnam County activated Thompson to provide disaster debris removal monitoring services. Thompson immediately began coordinating with the County’s debris hauler and implementing operations following a notice-to-proceed from the County. Thompson documented the collection and disposal of vegetative, construction and demolition, mud and rock debris, as well as over 200 units of white goods. Thompson certified 28 pieces of equipment and worked closely with the debris removal contractor and the County to complete debris removal operations in 60 days.



2015 Winter Storm Pandora: Following a severe winter storm in March of 2015, Putnam County was overcome with downed trees and hazardous hanging limbs lining critical roadways. The County retained Thompson to monitor contracted debris removal operations throughout the County. Thompson mobilized within hours of receiving a notice to proceed and began hiring and training local residents of the County to serve as debris monitors. Thompson monitored, documented, and substantiated reimbursement for the removal of 140,000 cubic yards of debris and the removal of 1,800 hazardous trees.

Iowa Dept. of Homeland Security

Sept. 2020 – Mar. 2021/May 2024 – Present

Severe Storm Debris Removal Monitoring

Debris Quantity: 460,000 CY / 52,100 CY

2024 Flooding: Thompson was once again called on by the HSEMD to provide debris monitoring and disaster recovery services on behalf of the City of Spencer following devastating flooding that impacted approximately 40% of the homes in the City. Operations are ongoing as Thompson monitors the removal of C&D from City rights-of-way as well as household hazardous waste from impacted homes.

2024 Tornado: The State of Iowa was impacted by a series of devastating tornados in April and May of 2024 including back-to-back EF3 and EF4 tornados. The HSEMD again called on Thompson to provide disaster debris monitoring services on behalf of the Cities of Minden and Greenfield. Thompson was able to respond immediately with staffing and equipment resources to begin debris removal operations as quickly as possible. Thompson coordinated closely with various City departments and staff in order to carry out debris projects and monitored the removal of over 52,100 cubic yards of debris in less than 16 days.

2020 Derecho: In August 2020, a powerful derecho swept across the Midwestern United States, impacting the State of Iowa. The event caused high winds and spawned an outbreak of tornadoes, torrential rain and large hail. Following the storm, the Iowa Department of Homeland Security and Emergency Management (HSEMD) selected Thompson Consulting Services to provide disaster debris removal monitoring services on behalf of 15 participating Counties throughout the State.

Following a notice to proceed from HSEMD Thompson worked closely with the selected debris removal contractor to quickly begin debris removal operations. Thompson monitored and documented the removal of over 460,000 cubic yards of debris from participating Counties and performed disposal monitoring and documentation at various debris management sites across the disaster impacted area.

Lowndes County, Georgia Sept. 2023 – Aug. 2024 / Oct. 2024 – April 2025

Disaster Debris Monitoring

Debris Quantity: 2,199,000 CY

Thompson has served as a stand-by disaster debris monitoring and recovery services provider to the County since 2020. During this time, Thompson has maintained operational readiness in order to respond to the County immediately following disaster events.

2024 Hurricane Helene: Multiple communities throughout the Southeastern United States suffered severe and widespread destruction and loss of life following Hurricane Helene. Thompson kept in close communication with Lowndes County prior to the landfall of Helene and remained ready to deploy equipment and personnel directly immediately following the storm. Thompson staffed recovery efforts with local residents and coordinated with the County’s debris hauling contractors to begin operations as quickly as possible. Thompson substantiated the removal of over 1.3 million cubic yards of debris and approximately 31,000 hazardous limbs and trees throughout the County.

2023 Hurricane Idalia: The County activated Thompson’s stand-by disaster debris monitoring contract following the devastating impacts of Hurricane Idalia. The County was severely impacted, and Thompson deployed personnel and equipment resources immediately following a notice-to-proceed from the County. Overall, Thompson has monitored the removal of approximately 869,000 cubic yards of debris and over 2,300 hazardous limbs and trees throughout the County.

Successful Reimbursement Assistance

Thompson’s clients benefit from our long and consistent history in providing disaster response and recovery services through the incorporation of program management best practices gained over the years and understanding of current federal disaster recovery guidelines and procedures.

5.5+
billion in federal
grant funding

Thompson’s approach to providing disaster debris monitoring services begins with the desired outcome at the forefront of what we do: document debris removal in a manner to ensure maximum grant reimbursement to our clients. We will exercise judgment and expertise by making every effort to limit services to those that will provide maximum reimbursement. Thompson encourages transparency with clients at every stage of the recovery process and will notify the City if at any time services provided may be ineligible for reimbursement.

Thompson's proposed team has assisted some of the largest government agencies impacted by natural disasters to recover and retain FEMA Public Assistance grant funding for debris removal, force account operations and complex infrastructure repair, replacement, and mitigation projects.

Hurricane Matthew & Irma – Florida, 2016 & 2017: Thompson's grant management consulting activations were spread across Florida from the Gulf to Atlantic coasts following Hurricanes Irma and Matthew with clients including the City of Ormond Beach, City of Daytona Beach, Volusia County, City of Lakeland, the Solid Waste Authority of Palm Beach, and the City of Fort Lauderdale. Thompson was tasked with documentation reconciliation, project development, cost estimating and closeout support for more than \$100M in FEMA Public Assistance reimbursement claims and assisted clients with the preparation of projects for both emergency and permanent work, including building repairs, large debris removal claims and complex Category B force account emergency protective measure projects.

Hurricanes Laura, Sally & Zeta – Louisiana, Alabama & Florida, 2020: In the midst of the COVID-19 Pandemic, numerous Thompson clients were impacted by multiple hurricanes over a two-month period. In addition to Grant and Winn Parishes, Louisiana, both Orange Beach, Alabama and Escambia County, Florida were significantly impacted and suffered widespread debris, significant emergency protective measure costs and permanent damages. Thompson provided damage assessment, cost estimating support, invoice reconciliation, procurement assistance, PW submittal and other tasks to support activations across the three states accounting for disaster recovery funding totaling over \$160M.

Hurricane Ian & Tropical Storm Nicole, 2022: The State of Florida suffered from the impacts of Hurricane Ian and Tropical Storm Nicole which occurred within months of each other and caused widespread damage. Thompson simultaneously assisted 28 of our clients in their debris removal operations and provided FEMA Public Assistance services including damage assessment, cost estimating support, invoice reconciliation, procurement assistance, PW submittal and other tasks to Brevard County, City of Fort Lauderdale, City of Port Orange, and the City of Ocoee.

Wildfire Support New Mexico, 2023: Following devastating wildfires that spread across New Mexico, the New Mexico Department of Transportation (NMDOT) selected Thompson to provide program management, disaster monitoring, and Public Assistance grant management services following wildfires, flooding, and mudflows that impacted the State. To date, Thompson has assisted the New Mexico Department of Transportation (NMDOT) with over \$64M in disaster related costs. This support has expanded to support cost recovery for State highways (\$49M) as well as Mora and San Miguel Counties (\$10M), and cultural organizations including the New Mexico Acequia Association. As part of full-service grant management services, Thompson is also assisting the NMDOT with a \$25M FEMA Claims Office request related to State Highway damages.

Hurricane Helene & Milton, 2024: The Southeastern United States suffered severe and widespread destruction following back-to-back Hurricanes Helene and Milton. Thompson was activated by over 58 clients across Georgia, South Carolina, Florida, North Carolina, and Tennessee to provide debris monitoring, program management, and FEMA Public Assistance grant management services. Our grant management services included damage assessment, cost estimating support, invoice reconciliation, and project worksheet development submittal accounting for the reimbursement of over \$476M.

Thompson comprehensive Staff Experience Matrix is included as Exhibit 6-1 and a copy of Thompson's in-house training manual has been attached as Exhibit 6-2, substantiating our Standard Operating Procedure (SOP) for the services outlined herein.



EXHIBIT 6-1: STAFF EXPERIENCE MATRIX

STAFF EXPERIENCE MATRIX

Thompson Consulting Services

| Event/Client | FEMA- DR | Cubic Yardage/ Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|--|----------|------------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| CALIFORNIA WILDFIRES 2025 | | | | | | | | | | | | | | | | |
| EVENT TOTAL TONS – 39,600 | | | | | | | | | | | | | | | | |
| United States Army Corp of Engineers | 4856 | 39,600 | | | ◆ | | ◆ | ◆ | | | ◆ | | ◆ | | ◆ | |
| KENTUCKY SEVERE STORMS 2025 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 204,725 | | | | | | | | | | | | | | | | |
| Coal Run Village, KY | 4860 | 10,585 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Knott County, KY | 4860 | 7,440 | ◆ | | ◆ | | ◆ | | | | | ◆ | ◆ | | | |
| Letcher County, KY | 4860 | 42,250 | ◆ | | ◆ | | ◆ | | | | | ◆ | ◆ | | | |
| Pike County, KY | 4860 | 43,500 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Town of Pikeville, KY | 4860 | 1,450 | | | ◆ | | ◆ | | | | | | ◆ | | | |
| Kentucky Transportation Cabinet | 4875 | 32,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Laurel County, KY | 4875 | 67,500 | ◆ | | ◆ | | ◆ | ◆ | | | | ◆ | ◆ | | | |
| MISSOURI TORNADOS 2025 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 12,000 | | | | | | | | | | | | | | | | |
| City of St. Louis, MO | 4877 | 12,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| TEXAS SEVERE STORMS & FLOODING 2025 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 185,000 | | | | | | | | | | | | | | | | |
| Travis County, TX | 4879 | 185,000 | ◆ | | ◆ | | ◆ | | | | ◆ | ◆ | ◆ | | | |
| HURRICANE MILTON 2024 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 9,849,909 | | | | | | | | | | | | | | | | |
| City of Altamonte Springs, FL | 4834 | 12,375 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Apopka, FL | 4834 | 37,820 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Bonita Springs, FL | 4834 | 17,691 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City Casselberry, FL | 4834 | 14,573 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Daytona Beach, FL | 4834 | 82,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of DeLand, FL | 4834 | 31,533 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Desoto County, FL | 4834 | 32,400 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Edgewater, FL | 4834 | 35,511 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Ft. Myers, FL | 4834 | 72,458 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Hillsborough County, FL | 4834 | 6,500,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Kissimmee, FL | 4834 | 10,794 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Lakeland, FL | 4834 | 194,107 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Lee County, FL | 4834 | 577,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Maitland, FL | 4834 | 5,668 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Oak Hill, FL | 4834 | 10,929 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Ocoee, FL | 4834 | 24,970 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Orlando, FL | 4834 | 32,266 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Ormond Beach, FL | 4834 | 108,507 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Palm Bay, FL | 4834 | 20,586 | ◆ | | ◆ | ◆ | ◆ | | | | | | ◆ | | | |

| Event/Client | FEMA- DR | Cubic Yardage/Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|---|----------|-----------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| Town of Ponce Inlet, FL | 4834 | 10,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Port Orange, FL | 4834 | 119,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Putnam County, FL | 4834 | 28,009 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Sanibel, FL | 4834 | 80,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | ◆ |
| Sumter County, FL | 4834 | 90,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Solid Waste Authority Palm Beach Co., FL | 4834 | 243,622 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Tampa, FL | 4834 | 1,427,879 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Winter Garden, FL | 4834 | 14,496 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Winter Springs, FL | 4834 | 15,715 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE HELENE 2024 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 30,342,307 | | | | | | | | | | | | | | | | |
| FL Department of Transportation | 4828 | 6,501,000 | | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Bonita Springs, FL | 4828 | 439 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Ft Myers, FL | 4828 | 188 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Hillsborough County, FL | 4828 | 17,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Lee County, FL | 4828 | 15,429 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of New Port Richey, FL | 4828 | 6,978 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Tampa, FL | 4828 | 66,608 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Adel, GA | 4830 | 64,440 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Bulloch County, GA | 4830 | 525,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Chatham County, GA | 4830 | 260,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Cook County, GA | 4830 | 266,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Town of Dasher, GA | 4830 | 120,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Effingham County, GA | 4830 | 132,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Emmanuel County, GA | 4830 | 2,657,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | ◆ |
| GA Department of Transportation | 4830 | 1,432,000 | | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Hahira, GA | 4830 | 33,591 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Lake Park, GA | 4830 | 62,490 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Lowndes County, GA | 4830 | 1,330,209 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Nashville, GA | 4830 | 251,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Pooler, GA | 4830 | 14,912 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Remerton, GA | 4830 | 1,369 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Soperton, GA | 4830 | 216,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Statesboro, GA | 4830 | 101,600 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Tattnall County, GA | 4830 | 357,500 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Treutlen County, GA | 4830 | 1,171,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Valdosta, GA | 4830 | 1,523,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Ware County, GA | 4830 | 591,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Washington County, GA | 4830 | 446,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| United State Army Corp of Engineers | 4830 | 6,050,000 | | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| NC Department of Transportation | 4827 | 137,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| SC Department of Transportation | 4829 | 2,786,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| TN Department of Transportation | 4832 | 130,554 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| TN Emergency Management Agency | 4832 | 2,991,000 | | | | | | | | | | ◆ | | | | |

| Event/Client | FEMA- DR | Cubic Yardage/ Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|--|----------|------------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| Virginia Dept. of Emergency Management | 4831 | 84,000 | ◆ | | ◆ | ◆ | ◆ | | | | | | ◆ | | | |
| HURRICANE DEBBY 2024 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 344,522 | | | | | | | | | | | | | | | | |
| FL Department of Transportation | 4806 | 321,501 | | | ◆ | | | ◆ | | | | | ◆ | | | |
| Thomas County, GA | NA | 23,021 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE BERYL 2024 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 9,231,421 | | | | | | | | | | | | | | | | |
| City of East Bernard, TX | 4798 | 1,170 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Friendswood, TX | 4798 | 118,319 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Harris County, TX | 4798 | 1,626,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Houston, TX | 4798 | 3,698,729 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of La Porte, TX | 4798 | 111,804 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Lake Jackson, TX | 4798 | 409,238 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of League City, TX | 4798 | 149,709 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Montgomery County, TX | 4798 | 1,684,879 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Polk County, TX | 4798 | 11,476 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Sugar Land, TX | 4798 | 237,709 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Wharton County, TX | 4798 | 32,291 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| ARKANSAS SEVERE STORMS / TORNADOS 2024 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 349,022 | | | | | | | | | | | | | | | | |
| City of Bentonville, AR | 4788 | 349,022 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | ◆ | ◆ | | | ◆ |
| IOWA TORNADO 2024 | | | | | | | | | | | | | | | | |
| EVENT TONNAGE – 26,055 | | | | | | | | | | | | | | | | |
| Iowa Dept. of Administrative Services | NA | 26,055t | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| TEXAS SEVERE STORMS / TORNADOS 2024 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 3,309,736 | | | | | | | | | | | | | | | | |
| Cooke County, TX | 4781 | 105,314 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Houston, TX | 4781 | 3,111,925 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Montgomery County, TX | 4781 | 53,548 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Polk County, TX | 4781 | 7,143 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Waller County, TX | 4781 | 31,806 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| FLORIDA SEVERE STORM / TORNADOS 2024 | | | | | | | | | | | | | | | | |
| EVENT TOTAL TONNAGE – 3,397 | | | | | | | | | | | | | | | | |
| Bay County, FL | NA | 3,397 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| HAWAII WILDFIRES 2023 | | | | | | | | | | | | | | | | |
| EVENT TOTAL TONNAGE – 308,241t | | | | | | | | | | | | | | | | |
| United States Army Corps of Engineers | 4724 | 308,241t | | | | | ◆ | | ◆ | | ◆ | | ◆ | | ◆ | |
| OKLAHOMA SEVERE STORMS 2023 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 95,691 | | | | | | | | | | | | | | | | |
| City of Sand Springs, OK | 4721 | 95,691 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| LOUISIANA SEVERE STORMS / TORNADOS 2023 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 236,530 | | | | | | | | | | | | | | | | |
| City of Shreveport, LA | NA | 236,530 | ◆ | | ◆ | ◆ | ◆ | | | | | | ◆ | | | |
| HURRICANE IDALIA 2023 | | | | | | | | | | | | | | | | |

| Event/Client | FEMA- DR | Cubic Yardage/Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|--|----------|-----------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| EVENT TOTAL CUBIC YARDS – 1,744,757 | | | | | | | | | | | | | | | | |
| Town of Dasher, GA | 4738 | 34,402 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Glynn County, GA | 4738 | 33,962 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | ◆ | | ◆ | | | |
| Lowndes County, GA | 4738 | 904,947 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Remerton, GA | 4738 | 1,200 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Thomas County, GA | 4738 | 14,514 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Valdosta, GA | 4738 | 734,421 | ◆ | | ◆ | | ◆ | ◆ | | | ◆ | | ◆ | | | |
| Ware County, GA | 4738 | 46,537 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Hillsborough County, FL | 4734 | 1,507 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| New Port Richey, FL | 4734 | 2,876 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE FIONA 2023 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 55,720 | | | | | | | | | | | | | | | | |
| PR Department of Transportation | 4671 | 55,720 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| FLORIDA SEVERE STORMS / FLOODING 2023 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 41,853 | | | | | | | | | | | | | | | | |
| City of Fort Lauderdale, FL | 4709 | 41,853 | ◆ | ◆ | ◆ | | ◆ | | | | | ◆ | ◆ | | ◆ | ◆ |
| ALABAMA SEVERE STORMS / TORNADOS 2023 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 484,255 | | | | | | | | | | | | | | | | |
| AL Department of Transportation | 4684 | 484,255 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE IAN 2022 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 17,239,389 | | | | | | | | | | | | | | | | |
| City of Altamonte Springs, FL | 4673 | 26,033 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Apopka, FL | 4673 | 90,856 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Bonita Springs, FL | 4673 | 362,465 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Casselberry, FL | 4673 | 26,258 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Clewiston, FL | 4673 | 9,682 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Cocoa, FL | 4673 | 3,174 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Daytona Beach, FL | 4673 | 418,626 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of DeBary, FL | 4673 | 68,961 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Deland, FL | 4673 | 68,022 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Desoto County, FL | 4673 | 754,375 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Ft. Myers, FL | 4673 | 849,357 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Ft. Myers Beach, FL | 4673 | 1,321,288 | ◆ | | ◆ | | ◆ | ◆ | | ◆ | | ◆ | ◆ | | | |
| Hendry County, FL | 4673 | 50,920 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Hillsborough County, FL | 4673 | 903,519 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Kissimmee, FL | 4673 | 28,283 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of LaBelle, FL | 4673 | 17,575 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Lakeland, FL | 4673 | 144,583 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Lee County FL Schools | 4673 | 31,783 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Lee County, FL | 4673 | 8,739,523 | ◆ | | ◆ | ◆ | ◆ | ◆ | | ◆ | | ◆ | ◆ | | | |
| City of Ocoee, FL | 4673 | 44,022 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | ◆ | ◆ | | | ◆ |
| City of Orlando, FL | 4673 | 136,057 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Ormond Beach, FL | 4673 | 123,441 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | ◆ |
| City of Oviedo, FL | 4673 | 42,534 | ◆ | | ◆ | | ◆ | ◆ | | | | ◆ | ◆ | | | |

| Event/Client | FEMA- DR | Cubic Yardage/ Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|---|----------|------------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| City of Port Orange, FL | 4673 | 416,235 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Sanibel, FL | 4673 | 2,549,038 | ◆ | | ◆ | | ◆ | ◆ | | ◆ | | | ◆ | | | |
| City of Wellington, FL | 4673 | 3,387 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Winter Garden, FL | 4673 | 9,235 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| NEW MEXICO WILDFIRES 2022 | | | | | | | | | | | | | | | | |
| EVENT TOTAL TONNAGE – 236,705 | | | | | | | | | | | | | | | | |
| NM Department of Transportation | 4652 | 236,705 | ◆ | | ◆ | | ◆ | ◆ | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| KENTUCKY SEVERE STORMS & FLOODING 2022 | | | | | | | | | | | | | | | | |
| EVENT TOTAL TONNAGE – 1,376,809 | | | | | | | | | | | | | | | | |
| KY Transportation Cabinet | 4663 | 1,376,809 | ◆ | | | | ◆ | ◆ | | | | ◆ | ◆ | | | |
| KENTUCKY SEVERE STORMS & FLOODING 2021 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 542,050 | | | | | | | | | | | | | | | | |
| USACE DRC | 4630 | 442,475 | | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Mayfield, KY | 4630 | 110,173 | | | ◆ | | ◆ | ◆ | | | ◆ | ◆ | ◆ | ◆ | | |
| HURRICANE IDA 2021 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 15,216,344 | | | | | | | | | | | | | | | | |
| Ascension Parish, LA | 4611 | 708,834 | ◆ | | ◆ | | ◆ | ◆ | | | | ◆ | ◆ | | | |
| City of Denham Springs, LA | 4611 | 70,857 | ◆ | ◆ | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Donaldsonville | 4611 | 31,743 | | | | | | | | | | | | | | |
| City-Parish of East Baton Rouge, LA | 4611 | 1,030,098 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Jefferson Parish, LA | 4611 | 2,203,642 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | ◆ | ◆ | ◆ | | |
| LA Department of Transportation | 4611 | 2,379,615 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Livingston Parish, LA | 4611 | 1,376,623 | ◆ | | ◆ | | ◆ | ◆ | | | | ◆ | ◆ | ◆ | | |
| Town of Sorrento, LA | 4611 | 11,869 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| St. Tammany Parish, LA | 4611 | 3,032,610 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Terrebonne Parish, LA | 4611 | 4,341,225 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | ◆ | ◆ | ◆ | ◆ | |
| LOUISIANA SEVERE STORMS & FLOODING | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 42,800 | | | | | | | | | | | | | | | | |
| City-Parish of East Baton Rouge, LA | 4606 | 42,500 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Ascension Parish, LA | 4606 | 300 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| KENTUCKY SEVERE WINTER STORM 2021 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 253,431 | | | | | | | | | | | | | | | | |
| KY Transportation Cabinet | 4592 | 253,431 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| LOUISIANA SEVERE WINTER STORM 2021 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 84,308 | | | | | | | | | | | | | | | | |
| City-Parish East Baton Rouge, LA | 4590 | 84,308 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| TEXAS SEVERE WINTER STORM 2021 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 79,040 | | | | | | | | | | | | | | | | |
| City of Corpus Christi, TX | 4586 | 74,620 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Pearland, TX | 4586 | 4,420 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| HURRICANE ZETA 2020 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 1,473,700 | | | | | | | | | | | | | | | | |
| Jefferson Parish, LA | 4577 | 143,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Terrebonne Parish, LA | 4577 | 12,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |

| Event/Client | FEMA- DR | Cubic Yardage/ Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|--|----------|------------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| City of Gautier, MS | 4576 | 7,700 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Jackson County, MS | 4576 | 438,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Long Beach, MS | 4576 | 112,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Pascagoula, MS | 4576 | 42,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Clarke County, AL | 4573 | 243,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Mobile, AL | 4573 | 261,400 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Mobile County, AL | 4573 | 263,000 | ◆ | | ◆ | | ◆ | ◆ | | ◆ | | | ◆ | | | |
| Washington County, AL | 4573 | 213,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| OKLAHOMA SEVERE WINTER STORM 2020 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 477,000 | | | | | | | | | | | | | | | | |
| City of Norman, OK | 4575 | 477,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| HURRICANE DELTA 2020 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 112,744 | | | | | | | | | | | | | | | | |
| City-Parish East Baton Rouge, LA | 4570 | 77,221 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Jennings, LA | 4570 | 35,221 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| HURRICANE SALLY 2020 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 9,456,677 | | | | | | | | | | | | | | | | |
| Escambia County, FL | 4564 | 4,427,522 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | ◆ | | ◆ |
| City of Gulf Breeze, FL | 4564 | 98,600 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| AL Department of Transportation | 4563 | 2,451,641 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Gulf Shores, AL | 4563 | 656,203 | ◆ | | ◆ | ◆ | ◆ | ◆ | | ◆ | | | ◆ | | | |
| City of Mobile, AL | 4563 | 408,450 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Mobile County, AL | 4563 | 270,400 | ◆ | | ◆ | | ◆ | ◆ | | ◆ | | | ◆ | | | |
| City of Orange Beach, AL | 4563 | 644,782 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | ◆ | ◆ | | | ◆ |
| City of Spanish Fort, AL | 4563 | 95,162 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE LAURA 2020 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 2,415,052 | | | | | | | | | | | | | | | | |
| Grant Parish, LA | 4559 | 1,186,807 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Jefferson Davis Parish, LA | 4559 | 215,825 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Jennings, LA | 4559 | 54,600 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| LA Department of Transportation | 4559 | 139,000 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Natchitoches, LA | 4559 | 31,600 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Pineville, LA | 4559 | 36,700 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Vernon Parish, LA | 4559 | 726,831 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Winn Parish, LA | 4559 | 148,789 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| MIDWEST DERECHO 2020 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 426,440 | | | | | | | | | | | | | | | | |
| IA Dept. of Homeland Security and EM | 4557 | 406,000 | ◆ | | | | ◆ | | | | | | ◆ | | | |
| City of Bertram, IA | 4557 | 20,440 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| HURRICANE ISAIAS 2020 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 2,400 | | | | | | | | | | | | | | | | |
| New Hanover County, NC | 4568 | 2,400 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| TROPICAL STORM IMELDA 2019 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 3,755 | | | | | | | | | | | | | | | | |

| Event/Client | FEMA- DR | Cubic Yardage/ Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|---|----------|------------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| City of Beaumont, TX | 4466 | 3,850t | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Liberty, TX | 4466 | 3,755 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| HURRICANE DORIAN 2019 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 186,600 | | | | | | | | | | | | | | | | |
| Currituck County, NC | 4465 | 31,200 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Dare County, NC | 4465 | 155,400 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE BARRY 2019 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 87,359 | | | | | | | | | | | | | | | | |
| Terrebonne Parish, LA | 4458 | 50,790 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City-Parish East Baton Rouge, LA | 4458 | 36,569 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| HURRICANE MICHAEL 2018 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 4,392,415 | | | | | | | | | | | | | | | | |
| Leon County, FL | 4399 | 1,043,757 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Tallahassee, FL | 4399 | 427,650 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Gadsden County, FL | 4399 | 1,524,442 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Jackson County, FL | 4399 | 499,627 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | ◆ | | ◆ | | | |
| Tyndall Air Force Base, FL | 4399 | 57,466 | | | | | ◆ | | | | | | ◆ | | | |
| GA Department of Transportation | 4400 | 184,527 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Thomas County, GA | 4400 | 45,031 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE FLORENCE 2018 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 1,816,173 | | | | | | | | | | | | | | | | |
| Town of Bogue, NC | 4393 | 8,915 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Carteret County, NC | 4393 | 1,507,059 | ◆ | | ◆ | ◆ | ◆ | | | | | | ◆ | | | |
| Cumberland County, NC | 4393 | 1,319t | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Jacksonville, NC | 4393 | 269,383 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| NC Department of Transportation | 4393 | 14,153t | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Town of Swansboro, NC | 4393 | 30,816 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE MARIA 2017 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 460,000 | | | | | | | | | | | | | | | | |
| PR Department of Transportation | 4339 | 1,275,612 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE IRMA 2017 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 12,000,000 | | | | | | | | | | | | | | | | |
| City of Altamonte Springs, FL | 4337 | 68,144 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Bonita Springs, FL | 4337 | 536,487 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Casselberry, FL | 4337 | 31,317 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Citrus County, FL | 4337 | 173,920 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Hendry County, FL | 4337 | 300,110 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Cooper City, FL | 4337 | 153,376 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Crystal River, FL | 4337 | 3,142 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Daytona Beach, FL | 4337 | 117,077 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | ◆ |
| City of Deland, FL | 4337 | 129,377 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | ◆ | | |
| City of Delray Beach, FL | 4337 | 173,674 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Flagler Beach, FL | 4337 | 27,515 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Ft Lauderdale, FL | 4337 | 647,519 | ◆ | | ◆ | ◆ | ◆ | ◆ | | ◆ | | | ◆ | | | ◆ |

| Event/Client | FEMA- DR | Cubic Yardage/ Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|--|----------|------------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| City of Ft Myers, FL | 4337 | 331,986 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Town of Ft Myers Beach, FL | 4337 | 24,783 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Glades County, FL | 4337 | 40,827 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Hernando County, FL | 4337 | 118,699 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Hiialeah, FL | 4337 | 211,704 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Inverness, FL | 4337 | 10,238 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Lake Mary, FL | 4337 | 55,826 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Lakeland, FL | 4337 | 260,084 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Largo, FL | 4337 | 54,992 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Lee County, FL | 4337 | 2,319,785 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | ◆ | | ◆ | | | |
| City of Leesburg, FL | 4337 | 27,118 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Leon County, FL | 4337 | 37,619 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Maitland, FL | 4337 | 36,443 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Manatee County, FL | 4337 | 560,188 | | | ◆ | | ◆ | ◆ | | | ◆ | | ◆ | | | |
| City of Margate, FL | 4337 | 94,506 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Miami Springs, FL | 4337 | 165,755 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Oak Hill, FL | 4337 | 6,124 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Orange City, FL | 4337 | 47,722 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| City of Orlando, FL | 4337 | 216,508 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Ormond Beach, FL | 4337 | 157,371 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Oviedo, FL | 4337 | 39,208 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Palm Bay, FL | 4337 | 253,867 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Stuart, FL | 4337 | 17,851 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Sumter County, FL | 4337 | 116,322 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Solid Waste Authority Palm Beach Co | 4337 | 3,035,786 | ◆ | | ◆ | | ◆ | ◆ | | | ◆ | | ◆ | | | ◆ |
| City of Venice, FL | 4337 | 12,817 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Vero Beach, FL | 4337 | 69,897 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Volusia County, FL | 4337 | 858,138 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | ◆ | | ◆ | | | ◆ |
| Chatham County, GA | 4338 | 100,889 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| GA Department of Transportation | 4338 | 27,559 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| HURRICANE HARVEY 2017 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 3,000,000 | | | | | | | | | | | | | | | | |
| Aransas County, TX | 4332 | 2,775,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | ◆ | | ◆ | | | |
| City of Beaumont, TX | 4332 | 70,857 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Lake Jackson, TX | 4332 | 4,281 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| Newton County, TX | 4332 | 8,859 | ◆ | | ◆ | | ◆ | | | | ◆ | | ◆ | | | |
| City of Santa Fe, TX | 4332 | 22,690 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| City of Texas City, TX | 4332 | 22,400 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | |
| TENNESSEE WILDFIRES 2016 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS – 676t | | | | | | | | | | | | | | | | |
| City of Gatlinburg, TN | 4293 | 404t | ◆ | ◆ | | | | | | | ◆ | | ◆ | ◆ | ◆ | |
| Sevier County, TN | 4293 | 272t | ◆ | ◆ | | | | | | | ◆ | | ◆ | ◆ | ◆ | |
| HURRICANE MATTHEW 2016 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 3,532,000 | | | | | | | | | | | | | | | | |

| Event/Client | FEMA- DR | Cubic Yardage/ Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|--|----------|------------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| City of Norfolk, VA | 4291 | 29,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Southern Shores, NC | 4285 | 20,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Dare County, NC | 4285 | 96,000 | ◆ | | ◆ | | ◆ | ◆ | | | | ◆ | ◆ | | | |
| City of Lumberton, NC | 4285 | 26,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| SC Department of Transportation | 4286 | 960,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Chatham County, GA | 4284 | 1,400,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | ◆ | | ◆ | | | |
| City of Effingham, GA | 4284 | 11,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Pooler, GA | 4284 | 17,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| GA Department of Transportation | 4284 | 180,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of St. Augustine, FL | 4283 | 83,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Orange City, FL | 4283 | 13,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| City of Ormond Beach, FL | 4283 | 170,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Deland, FL | 4283 | 57,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Daytona Beach, FL | 4283 | 330,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Palm Bay, FL | 4283 | 99,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| Solid Waste Authority Palm Beach Co. | 4283 | 14,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Vero Beach, FL | 4283 | 27,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| LOUISIANA SEVERE STORMS & FLOODING 2016 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 2,050,000 | | | | | | | | | | | | | | | | |
| City-Parish of East Baton Rouge, LA | 4277 | 1,800,000 | ◆ | | ◆ | | ◆ | | ◆ | | ◆ | | ◆ | ◆ | | ◆ |
| City of Denham Springs, LA | 4277 | 250,000 | ◆ | | ◆ | | ◆ | | | | ◆ | | ◆ | ◆ | | ◆ |
| TEXAS / LOUISIANA SEVERE STORMS & FLOODING 2016 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 44,736 | | | | | | | | | | | | | | | | |
| Vernon Parish, LA | 4263 | 7,706 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | ◆ |
| Newton County, TX | 4266 | 37,030 | ◆ | | ◆ | | ◆ | | | | | | ◆ | | | ◆ |
| SSOUTH CAROLINA SEVERE STORMS & FLOODING 2015 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 120,000 | | | | | | | | | | | | | | | | |
| SC Department of Transportation | 4241 | 120,000 | ◆ | ◆ | ◆ | | ◆ | | | | | | ◆ | | | ◆ |
| WINTER STORM PANDORA 2015 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 271,000 | | | | | | | | | | | | | | | | |
| Putnam County, TN | 4211 | 140,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Fentress County, TN | 4211 | 77,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Overton County, TN | 4211 | 54,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| ALABAMA TORNADOES 2014 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 144,000 | | | | | | | | | | | | | | | | |
| City of Adamsville, AL | 4176 | 22,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Graysville, AL | 4176 | 80,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| City of Kimberly, AL | 4176 | 20,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Lee County, AL | 4176 | 22,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | ◆ |
| WINTER STORM PAX 2014 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 2,930,000 | | | | | | | | | | | | | | | | |
| SC Department of Transportation | 4166 | 1,200,000 | ◆ | | ◆ | | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| Georgetown County, SC | 4166 | 105,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | ◆ | | ◆ |
| Marion County, SC | 4166 | 25,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |

| Event/Client | FEMA- DR | Cubic Yardage/Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|---|----------|-----------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| Williamsburg County, SC | 4166 | 40,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | |
| Aiken County, SC | 4166 | 1,500,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | ◆ | ◆ | | | ◆ |
| Allendale County, SC | 4166 | 60,000 | ◆ | | ◆ | | ◆ | ◆ | | | | | ◆ | | | |
| HURRICANE SANDY 2012 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 125,000 | | | | | | | | | | | | | | | | |
| City of Hoboken, NJ | 4086 | 25,000 | ◆ | ◆ | ◆ | | | | | | | | ◆ | | | ◆ |
| Town of Babylon, NY | 4085 | 100,000 | ◆ | | ◆ | | | | | | | | ◆ | | | |
| HURRICANE ISAAC 2012 - 2013 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 92,000 | | | | | | | | | | | | | | | | |
| AL Port Authority (Wetlands) | 4082 | 1,000 | ◆ | | | | | | | | | ◆ | ◆ | | | |
| Iberville Parish, LA (Waterways) | 4080 | 950 | ◆ | | | | ◆ | | | | | ◆ | ◆ | | | ◆ |
| Terrebonne Parish, LA | 4080 | 56,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Denham Spring, LA | 4080 | 9,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | | | | | ◆ | | | ◆ |
| Hancock County, MS | 4081 | 23,000 | | | ◆ | | ◆ | | | ◆ | | | ◆ | | | |
| Jackson County, MS | 4081 | 4,000 | | | ◆ | | ◆ | | | | | | | | | ◆ |
| HURRICANE IRENE 2011 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 465,000 | | | | | | | | | | | | | | | | |
| Saluda Residency, Virginia DOT | 4024 | 100,000 | | | ◆ | | ◆ | ◆ | | | | | | | | |
| Petersburg Residency, Virginia DOT | 4024 | 75,000 | | | ◆ | | ◆ | ◆ | | | | | | | | |
| Ashland Residency, Virginia DOT | 4024 | 200,000 | | | ◆ | | ◆ | ◆ | | | | | | | | |
| Chesterfield Residency, Virginia DOT | 4024 | 15,000 | | | ◆ | | ◆ | ◆ | | | | | | | | |
| City of Portsmouth, Virginia | 4024 | 50,000 | | | ◆ | | ◆ | ◆ | | | | | | | | |
| Brunswick County, Virginia | 4024 | 25,000 | | | ◆ | | ◆ | ◆ | | | | | | | | |
| ALABAMA TORNADOES 2011 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 450,000 | | | | | | | | | | | | | | | | |
| City of Tuscaloosa, AL | 1971 | N/A | | ◆ | | | | | | | ◆ | | ◆ | ◆ | ◆ | ◆ |
| Calhoun County, AL | 1971 | 350,000 | ◆ | | ◆ | | ◆ | ◆ | ◆ | | ◆ | | ◆ | | ◆ | ◆ |
| Alabama DCNR | 1971 | 100,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | ◆ | |
| OKLAHOMA TORNADOES 2010 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 18,944 | | | | | | | | | | | | | | | | |
| City of Norman, OK ^[1] | 1926 | 18,944 | ◆ | | ◆ | | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| IOWA / TENNESSEE FLOODING 2010 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 348,895 | | | | | | | | | | | | | | | | |
| City of Nashville, TN ^[2] | 1909 | 275,540 | | | ◆ | | ◆ | | ◆ | | | | ◆ | | | |
| City of Cedar Rapids, IA ^[2] | 1763 | 109,355 | ◆ | | | | | | | | | | | | | ◆ |
| TENNESSEE ROCKSLIDES 2009 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 60,000 | | | | | | | | | | | | | | | | |
| TN Department of Transportation | N/A | 60,000 | ◆ | | ◆ | ◆ | | | | | | | | | | |
| MASCHACHUTES SNOWSTORMS 2009 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 59,765 | | | | | | | | | | | | | | | | |
| Town of Spencer, MA ^[1] | 1813 | 10,930 | ◆ | | ◆ | | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| Town of Sterling, MA ^[1] | 1813 | 48,835 | ◆ | | ◆ | | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| HURRICANE IKE 2008 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 12,275,208 | | | | | | | | | | | | | | | | |

| Event/Client | FEMA- DR | Cubic Yardage/Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|--|----------|-----------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| City of Houston, TX ^[1] | 1791 | 4,500,000 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | ◆ | | ◆ |
| Harris County, TX ^[1] | 1791 | 2,500,000 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | ◆ | | ◆ |
| Galveston County, TX ^[3] | 1791 | 1,400,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ | | ◆ | ◆ | | ◆ |
| City of Baytown, TX ^[1] | 1791 | 1,000,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | ◆ | ◆ | | ◆ |
| Montgomery County, TX ^[1] | 1791 | 871,452 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| Fort Bend County, TX ^[1] | 1791 | 415,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| Town of Dauphin Island, AL ^[1] | 1797 | 50,000 | ◆ | | ◆ | ◆ | | | | ◆ | ◆ | ◆ | | | | ◆ |
| Hardin County, TX ^[1] | 1791 | 200,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| City of Sugarland, TX ^[1] | 1791 | 125,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| City of Missouri City, TX ^[1] | 1791 | 97,238 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| HURRICANE GUSTAV 2008 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 968,727 | | | | | | | | | | | | | | | | |
| Terrebonne Parish, LA ^[2] | 1786 | 296,039 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ | ◆ | | | ◆ | ◆ |
| St. Landry Parish, LA ^[2] | 1786 | 225,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ | | ◆ | | | ◆ |
| Iberville Parish, LA ^[2] | 1786 | 179,185 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| City of New Orleans, LA ^[2] | 1786 | 136,559 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| St John the Baptist Parish, LA ^[1] | 1786 | 53,124 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| HURRICANE DOLLY 2008 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 612,050 | | | | | | | | | | | | | | | | |
| Hidalgo County, TX ^[1] | 1780 | 310,585 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | ◆ | | ◆ |
| Cameron County, TX ^[2] | 1780 | 301,465 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | ◆ | | ◆ |
| IOWA FLOODING 2008 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 200,000 | | | | | | | | | | | | | | | | |
| City of Waterloo, IA ^[1] | 1763 | 200,000 | ◆ | | ◆ | | ◆ | | ◆ | | | | ◆ | | | |
| MIDWEST ICE STORMS 2007 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 2,926,539 | | | | | | | | | | | | | | | | |
| City of Norman, OK ^[1] | 1735 | 750,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ | | ◆ | | ◆ | ◆ |
| City of Webb City, MO ^[1] | 1736 | 75,000 | ◆ | | ◆ | | ◆ | ◆ | ◆ | | ◆ | | ◆ | | ◆ | ◆ |
| City of Springfield, MO ^[1] | 1676 | 1,448,539 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ | | ◆ | | ◆ | ◆ |
| Greene County, MO ^[2] | 1676 | 545,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ | | ◆ | | ◆ | ◆ |
| City of Lebanon, MO ^[2] | 1676 | 108,000 | ◆ | | ◆ | | ◆ | ◆ | ◆ | | ◆ | | ◆ | | ◆ | ◆ |
| BUFFALO SNOWSTORM 2006 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 1,386,000 | | | | | | | | | | | | | | | | |
| Town of Amherst, NY ^[2] | 1655 | 800,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | | | | ◆ |
| Town of Tonawanda, NY ^[2] | 1655 | 200,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | | | | ◆ |
| City of Lackawanna, NY ^[2] | 1655 | 150,000 | | | | | | ◆ | | | | ◆ | | | | |
| City of North Tonawanda, NY ^[2] | 1655 | 100,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | | | | ◆ |
| Genesee County, NY ^[2] | 1655 | 80,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | | | | ◆ |
| HURRICANE WILMA 2005 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 8,579,640 | | | | | | | | | | | | | | | | |
| Miami-Dade County, FL ^[2] | 1609 | 3,000,000 | ◆ | | ◆ | | ◆ | | ◆ | | | | ◆ | | | ◆ |
| City of Ft. Lauderdale, FL ^[2] | 1609 | 901,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ | ◆ | ◆ | | ◆ |
| City of Hollywood, FL ^[2] | 1609 | 600,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | | ◆ | | | ◆ |
| HURRICANE KATRINA 2005 | | | | | | | | | | | | | | | | |

| Event/Client | FEMA- DR | Cubic Yardage/ Tonnage | Disaster Debris Contract Management | Contract Procurement Assistance | ROW Debris Removal Monitoring | Parks Debris Removal Monitoring | DMS/Disposal Monitoring | Leaner/ Hangers/ Stumps Removal Monitoring | DMS Environmental Support | Beach Remediation/Restoration | Private Property Debris Removal (PPDR) Administration | Marine/Waterway Debris Removal | Data Collection/ Management/ Billing/ Invoicing | Customer Information/ Service Call Centers | Demolition Administration & Program Management | FEMA Category A&B Reimbursement Support |
|---|----------|------------------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------|--|---------------------------|-------------------------------|---|--------------------------------|---|--|--|---|
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 27,143,468 | | | | | | | | | | | | | | | | |
| City of Gulfport, MS ^[1] | 1604 | 2,600,000 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Harrison County, MS ^[1] | 1604 | 1,850,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Mobile County, AL | 1605 | 789,658 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| City of Mobile, AL | 1605 | 728,469 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| City of New Orleans, LA ^[2] | 1603 | 401,238 | ◆ | ◆ | ◆ | | ◆ | | ◆ | | ◆ | | ◆ | ◆ | ◆ | ◆ |
| Jasper County, MS | 1604 | 131,251 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| Town of Dauphin Island, AL | 1605 | 94,037 | ◆ | | ◆ | | ◆ | ◆ | | ◆ | | ◆ | | | | |
| City of Prichard, AL | 1605 | 70,445 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| Clark County, MS | 1604 | 90,134 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| City of Citronelle, AL | 1605 | 48,423 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| City of Saraland, AL | 1605 | 44,419 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| City of Satsuma, AL | 1605 | 29,404 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| Choctaw County, AL | 1605 | 26,409 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| City of Bayou Le Batre, AL | 1605 | 18,336 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| City of Creola, AL | 1605 | 7,719 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| City of Mt. Vernon, AL | 1605 | 4,619 | ◆ | | ◆ | | ◆ | ◆ | | | | | | | | |
| HURRICANE RITA 2005 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 4,800,000 | | | | | | | | | | | | | | | | |
| Jefferson County, TX ^[2] | 1606 | 4,600,000 | ◆ | | ◆ | | ◆ | ◆ | ◆ | | ◆ | | ◆ | ◆ | | ◆ |
| Monroe County, FL ^[2] | 1602 | 200,000 | ◆ | ◆ | ◆ | | ◆ | | ◆ | | ◆ | ◆ | | | | ◆ |
| HURRICANE DENNIS 2005 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 3,600,000 | | | | | | | | | | | | | | | | |
| Santa Rosa County, FL ^[1] | 1595 | 2,000,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | ◆ | | | ◆ |
| Escambia County, FL ^[1] | 1595 | 1,200,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | ◆ | | | ◆ |
| City of Pensacola, FL ^[1] | 1595 | 400,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | ◆ | | | ◆ |
| HURRICANE IVAN 2004 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 9,733,300 | | | | | | | | | | | | | | | | |
| Escambia County, FL ^[2] | 1551 | 7,681,500 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ |
| City of Pensacola, FL ^[1] | 1551 | 1,343,000 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | | ◆ |
| FL Department of Transportation ^[1] | 1551 | 708,800 | ◆ | | ◆ | | ◆ | | ◆ | | | ◆ | | | | ◆ |
| HURRICANE FRANCES 2004 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 200,000 | | | | | | | | | | | | | | | | |
| City of Boca Raton, FL ^[1] | 1545 | 200,000 | ◆ | | ◆ | | ◆ | | | | | ◆ | | | | ◆ |
| HURRICANE CHARLEY 2004 | | | | | | | | | | | | | | | | |
| EVENT TOTAL CUBIC YARDS OF DEBRIS – 3,883,434 | | | | | | | | | | | | | | | | |
| City of Orlando, FL ^[2] | 1539 | 1,035,500 | ◆ | | ◆ | ◆ | ◆ | ◆ | ◆ | | | ◆ | | | | |

[1] This work was completed by Beck Disaster Recovery's principal owners. Beck Disaster Recovery was acquired in 2009 and dissolved in 2011. Jon Hoyle, Thompson's President, served as the technical lead on this project.

[2] This work was completed by Beck Disaster Recovery's principal owners. Beck Disaster Recovery was acquired in 2009 and dissolved in 2011. Nate Counsell, Thompson's Vice President, served as the technical lead on this project.

[3] This work was completed by Beck Disaster Recovery. Beck Disaster Recovery was acquired in 2009 and dissolved in 2011. Nicole Counsell, Thompson's Grant Management Consultant, served as the technical lead on this project.

EXHIBIT 6-2: STANDARD OPERATING PROCEDURE / TRAINING MANUAL

Thompson Consulting Services, LLC

Disaster Debris Collection and Disposal Monitor Training Manual

Updated: January 2025

Thompson Consulting Services

Disaster Debris Removal Monitor Training Manual

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Overview

When a disaster or emergency incident generates large amounts of debris, eligible applicants (State governments, local governments, Indian Tribes or authorized Tribal organizations and Alaskan Native Villages, and certain Private Nonprofit organizations) may request Public Assistance (PA) grant funding from the Federal Emergency Management Agency (FEMA) to offset expenses incurred from debris removal operations following the incident.

Applicants are encouraged to monitor their debris removal operations and document eligible quantities and reasonable expenses to ensure that the work is eligible for PA grant funding/reimbursement. *Monitoring debris removal operations requires comprehensive observation and documentation of debris removal work performed from the point of debris collection to final disposal.* Monitoring debris removal work involves constant observation of crews to ensure that workers are performing eligible work in accordance with PA guidelines and all applicable Federal, State, and local regulations.

Roles and Responsibilities

Thompson Consulting Services

Thompson Consulting Services (Thompson) is a full service emergency response and disaster recovery consultancy. Our primary field focus following a disaster is to carefully and safely document eligible applicant's debris removal efforts to maximize available Federal grant programs.

The Debris Removal Contractor

A debris removal contractor (also known as the hauler) is hired by the applicant to pick up disaster generated debris from the public right-of-way (ROW) and transport the debris to a temporary or final disposal site. A crew is a group (people and equipment) that work for the debris removal contractor. This crew is responsible for physically picking up the disaster debris and hauling it to a temporary disposal, storage and reduction site.

Debris Removal Collection Functions and Positions

Disaster debris removal monitoring is performed by certifying the load capacity of the debris removal contractor's equipment/tucks; assigning a Debris Collection Monitor to a debris removal crew; and verifying the final capacity of each load the debris removal crew disposes of. The following positions and functions all play important roles in debris removal monitoring and will be the focus of the rest of the training manual.

- Field Supervisor
- Truck Certification Monitor
- Debris Collection Monitor
- Debris Management Site Monitor

Introduction

The Field Supervisor is responsible for providing Quality Assurance/Quality Control (QA/QC) over debris monitors in the field. The Field Supervisor will ensure that collection and DMS monitors are properly documenting eligible debris removal operations. In addition, Field Supervisors shall ensure that the program operations are compliant with the Thompson Health and Safety Plan. The field supervisor will also conduct and/or oversee truck certifications, load measurements, and photo-documentation, as required and must have the following qualifications, in addition to the qualifications of a collection monitor:

- Possess the ability to communicate, both orally and in written form, with field staff and management.
- Be able to resolve conflicts and/or disputes in the field.
- Understand chain of command, Incident Command Structure, and know when to elevate issues to the Client.

Field Supervisor Duties

Management and Oversight

- Serve as the first line management for the debris monitors in the field
- Prepare a daily report summarizing activities observed, issues resolved, and other corrective actions and notices of potential issues
- Understand all phases of the debris removal process, including, collection, leaner/hanger/stump removal, reduction, site management and disposal

Debris Operations

- Ensure only debris from approved areas is loaded for removal
- Measure, certify, photograph, and develop baseline inventory of debris removal trucks and equipment
- Coordinate with Contractor Representative

Eligibility

- Ensure that a reasonable level of effort is applied to the monitoring, process and commensurate with the debris operations schedule.
- Ensure that only eligible debris is collected by the debris removal contractor

Compliance

- Obtain and become familiar with the debris removal contract scope and requirements
- Perform multiple spot checks on assigned monitors each day

Section 2

Safety Requirements

- Ensure that project operations are safe and compliant with the Thompson Health and Safety Plan as well as applicable local, state, and federal regulations

Safety Equipment

- Radio/cell phone
- Cold potable water or sports-type drinks (Gatorade, etc.)
- Insect repellent
- Sun screen

It is the Collection Monitor's responsibility to provide his/her own safety equipment. TCS Field Supervisor will remove Collection Monitors unable to meet the minimum safety equipment requirements from the job site.

Personal Protective Equipment

- Hard hat
- Safety glasses
- Long work pants
- High visibility vest
- Leather work boots

Field Supervisors may remove Collection Monitors unable to comply with the minimum Personal Protective Equipment requirements from the job site.

Field Supervisor Checklist

The Field Supervisor is responsible for performing and documenting (in construction journal or log) the following duties each day:

- Ensure that all collection monitors for which you are responsible check-in and check-out at the pre-designated time and report to the debris removal crew for which they are assigned
- Participate in tool box safety meetings with collection monitors
- Spot check all collection monitors for which you are responsible at least two times
- Ensure that monitors are equipped with Safety Equipment and Personal Protective Equipment and in compliance with the Thompson Health and Safety Plan
- Ensure that only eligible debris is removed by contractors unless otherwise instructed, in writing, by the Thompson Project Manager at the direction of the Client
- Ensure that monitors are outside the work zone and monitoring the debris removal operation from a safe distance
- Ensure that debris removal trucks are operating safely. Report incidents of debris overhanging, or protruding from the hauling container to the Project Manager and debris removal contractor for immediate correction
- QA/QC the field documentation, including load tickets, generated the collection monitors to ensure that the information being collected is accurate and complete

- Work with monitors, contractors, and homeowners to resolve any questions or concerns
- Report any damages that occur as a result of debris removal and ensure that the damage is addressed by the responsible party.
- Ensure that no fraudulent activities are occurring such as allowing loading ineligible debris or influence the information that is being collected by the monitor for the purpose of Federal reimbursement

Introduction

The Truck Certification Monitor is responsible for measuring, documenting, and certifying the capacity of the debris contractor's hauling containers. Because debris is generally removed by volume, accurate, complete certification of trucks is critical. The truck certification information is electronically recorded using an ADMS device provided by the Project Manager. The certified hauling container information is also printed on a placard and placed on the side of the debris removal contractor's truck. ***The Truck Certification Monitor is responsible for generating and printing the Truck Certification Form.***

Truck Certification Monitor Checklist

The Truck Certification Monitor is responsible for performing and documenting (in construction journal or log) the following truck certification process:

- Visually inspect the truck for any "common sense" safety issues (missing tailgates, broken lights, leaking fluids, etc.)
- Receive documentation from debris removal contractor to establish baseline regulatory compliance, including driver's license, registration, tag number, and proof of insurance
- Measure and record the capacity of the hauling container
 - Measurements will be made from the inside of the hauling container
 - Record necessary deductions for dog boxes, angled sides, and wheel wells and additions for sideboards
- Sketch brief physical description of the truck and hauling container
- Photograph the truck and hauling container
- Turn in all documentation to the field office for review

Truck Certification Calculation Instructions

- Instructions to take the necessary dimensions of corner wedge (refer to Figure B-6):
- "A": Along the side of the bed, measure the distance from the point where the rounded part of the bed starts, to the front corner of the bed.
- "B": Equal to "a."
- "C" and "d": Along the side of the bed, mark the point where the rounded part of the bed starts, and along the front of the bed, also mark the point where the rounded part of the bed ends. Run a string between the two points and measure the distance between them; half of that distance is "c" and half of the distance is "d" ("c" and "d" are equal).
- "E": Measure the distance from the mid-point of the string that was stretched from the side to the front of the bed in the previous step to the rounded part of the bed.

Section 3

- Extra trailer: The volume calculations for the extra trailer would be simply length x width x height if the extra trailer has a rectangular bed. However, if the extra trailer also has round corners at the front, the volume calculation would be the same as explained above.

Instructions to take the necessary dimensions of round bottom truck (refer to Figure B-6):

- “A”: The width of the bed.
- “B”: The depth of the vertical portion (the side) of the bed.
- “C” and “d”: Both are equal to half the width of the bed.
- “E”: Run a string between the lower ends of the vertical portions of the bed (the sides), and measure the distance from the mid-point of the string to the bottom of the bed.

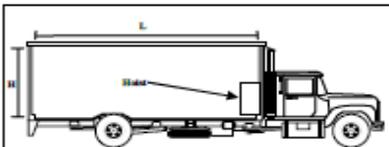
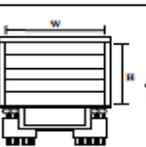
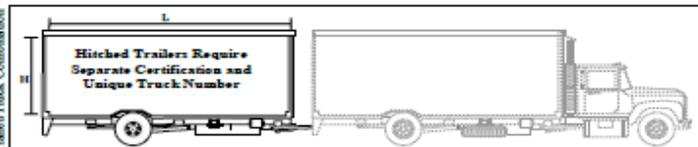
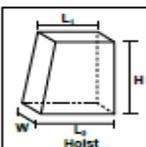
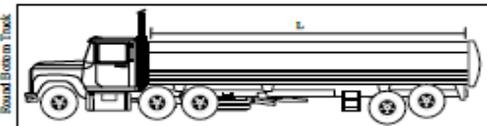
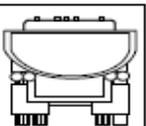
| DUMP TRUCK | | | |
|---|--|---|---|
| Measurements | | | |
| Truck Measurements | Length (L) = <input style="width: 100px;" type="text"/> | Width (W) ft = <input style="width: 100px;" type="text"/> | Height (H) ft = <input style="width: 100px;" type="text"/> |
| Hoist Measurement | Length ₁ (L ₁) ft = <input style="width: 100px;" type="text"/> Length ₂ (L ₂) ft = <input style="width: 100px;" type="text"/> | Width (W _H) ft = <input style="width: 100px;" type="text"/> | Height _H (H _H) ft = <input style="width: 100px;" type="text"/> |
| Radius | Radius ft = <input style="width: 100px;" type="text"/> Height (H) = <input style="width: 100px;" type="text"/> | | |
| Calculations | | | |
| Bed Volume (Basic) | $(L \times W \times H) / 27 =$ <input style="width: 100px;" type="text"/> | + <input style="width: 100px;" type="text"/> | Cubic Yards |
| Hoist Volume | $((L_1 + L_2) \times W_H \times H_H) / 27 =$ <input style="width: 100px;" type="text"/> | - <input style="width: 100px;" type="text"/> | |
| Radius Volume | $(3.14 \times R^2 \times H) / 27 =$ <input style="width: 100px;" type="text"/> | - <input style="width: 100px;" type="text"/> | |
| Total = <input style="width: 100px;" type="text"/> cyd | | | |
| Truck Measurements |  | |  |
| EXTRA TRAILER | | | |
| Measurements | | | |
| Truck Measurements (Basic) | Length (L) = <input style="width: 100px;" type="text"/> | Width (W) ft = <input style="width: 100px;" type="text"/> | Height (H) ft = <input style="width: 100px;" type="text"/> |
| Hoist Measurement | Length ₁ (L ₁) ft = <input style="width: 100px;" type="text"/> Length ₂ (L ₂) ft = <input style="width: 100px;" type="text"/> | Width (W _H) ft = <input style="width: 100px;" type="text"/> | Height _H (H _H) ft = <input style="width: 100px;" type="text"/> |
| Radius | Radius ft = <input style="width: 100px;" type="text"/> Height (H) = <input style="width: 100px;" type="text"/> | | |
| Calculations | | | |
| Bed Volume (Basic) | $(L \times W \times H) / 27 =$ <input style="width: 100px;" type="text"/> | + <input style="width: 100px;" type="text"/> | Cubic Yards |
| Hoist Volume | $((L_1 + L_2) \times W_H \times H_H) / 27 =$ <input style="width: 100px;" type="text"/> | - <input style="width: 100px;" type="text"/> | |
| Radius Volume | $(3.14 \times R^2 \times H) / 27 =$ <input style="width: 100px;" type="text"/> | - <input style="width: 100px;" type="text"/> | |
| Total = <input style="width: 100px;" type="text"/> cyd | | | |
| Trailer/Truck Combination |  | |  |
| ROUND BOTTOM TRUCK | | | |
| Measurements | | | |
| Truck Measurements | Length (L) ft = <input style="width: 100px;" type="text"/> | Diameter (D) ft = <input style="width: 100px;" type="text"/> | |
| Calculations | | | |
| Approx. Volume $(3.14 \times (D/2)^2 \times L) / 27 =$ <input style="width: 100px;" type="text"/> cyd (round bottom portion only) | | | |
| Round Bottom Truck |  | |  |

Figure B-6: Truck Dimensions

- NOTE: All dimensions used in the above formulas must be in feet, with inches converted to fractions of feet, using the following conversions (for example, 8 feet, 5 inches should be written as 8.42

| | |
|---------------------|----------------------|
| 1 inch = .08 foot | 7 inches = .58 foot |
| 2 inches = .17 foot | 8 inches = .67 foot |
| 3 inches = .25 foot | 9 inches = .75 foot |
| 4 inches = .33 foot | 10 inches = .83 foot |
| 5 inches = .42 foot | 11 inches = .92 foot |
| 6 inches = .50 foot | |

Measurements and Calculations

The following provides examples of the measurements and calculations required for calculating the loads for dump trucks, extra trailers, and round bottom trucks. Generally, a standard length, width, height measurement is required to be entered into the ADMS handheld device provided to the Truck Certification Monitor and the cubic yardage is calculated automatically.

Dump Truck Measurements and Calculations:

Truck Measurements

Length (L) =

Width (W) ft. =

Height (H) ft. =

Hoist Measurement

Length1 (L1) ft. =

Length2 (L2) ft. =

Width (WH) ft. =

Height (HH) ft. =

Radius

Radius ft. =

Height (H) =

Calculations

Bed Volume (Basic) $(L \times W \times H) / 27 = + \text{CYD}$

Hoist Volume $((L1 + L2 / 2) \times WH \times HH) / 27 = - \text{CYD}$

Radius Volume $(3.14 \times R^2 \times H) / 27 = - \text{CYD}$

Cubic Yards

Total = CYD

Extra Trailer Measurements:

Section 3

Truck Measurements (Basic)

Length (L) =

Width (W) ft. =

Height (H) ft. =

Hoist Measurement

Length1 (L1) ft. =

Length2 (L2) ft. =

Width (WH) ft. =

Height (HH) ft. =

Radius

Radius ft. = Height (H) =

Calculations

Bed Volume (Basic) $(L \times W \times H) / 27 = + \text{CYD}$

Hoist Volume $((L1 + L2) / 2) \times WH \times HH = - \text{CYD}$

Radius Volume $(3.14 \times R^2 \times H) / 27 = - \text{CYD}$

Cubic Yards

Total = CYD

Round Bottom Truck Measurements:

Truck Measurements

Length (L) ft. =

Diameter (D) ft. =

Calculations

Approx. Volume $(3.14 \times (D/2)^2 \times L) / 27 = \text{CYD}$ (round bottom portion only)

Introduction

The Debris Collection Monitor is responsible for observing and recording the collection of eligible debris from approved areas. The Debris Collection Monitor shall ensure that the program operations are compliant with the Thompson Health and Safety Plan.

A Debris Collection Monitor will be assigned to a crew and will issue load tickets documenting the debris that is picked up by the debris removal contractor’s crew or will photograph, measure, and document hazardous trees and limbs that are cut down by the debris removal contractor. A debris removal collection monitor does not report to the debris removal crew and is not authorized to direct the crew or the operation. The debris removal collection monitor follows the assigned crew in order to witness and document the work being done.

Eligibility

Disaster debris that is eligible to be picked up must meet the following criteria

- Eliminates threat to public health and safety
- Result of the disaster (no spring cleaning / landscaping debris)
- Located within the community you are assigned
- On property right-of-way (ROW) maintained by the community you are assigned to

Debris Classifications

| VEGETATIVE | CONSTRUCTION & DEMOLITION (C&D) | MIXED (VEGETATIVE + C&D) |
|---|---|---|
|  |  |  |
| WHITE GOODS | HOUSEHOLD HAZARDOUS WASTE (HHW) | VEHICLES & VESSELS |
|  |  |  |

Section 4

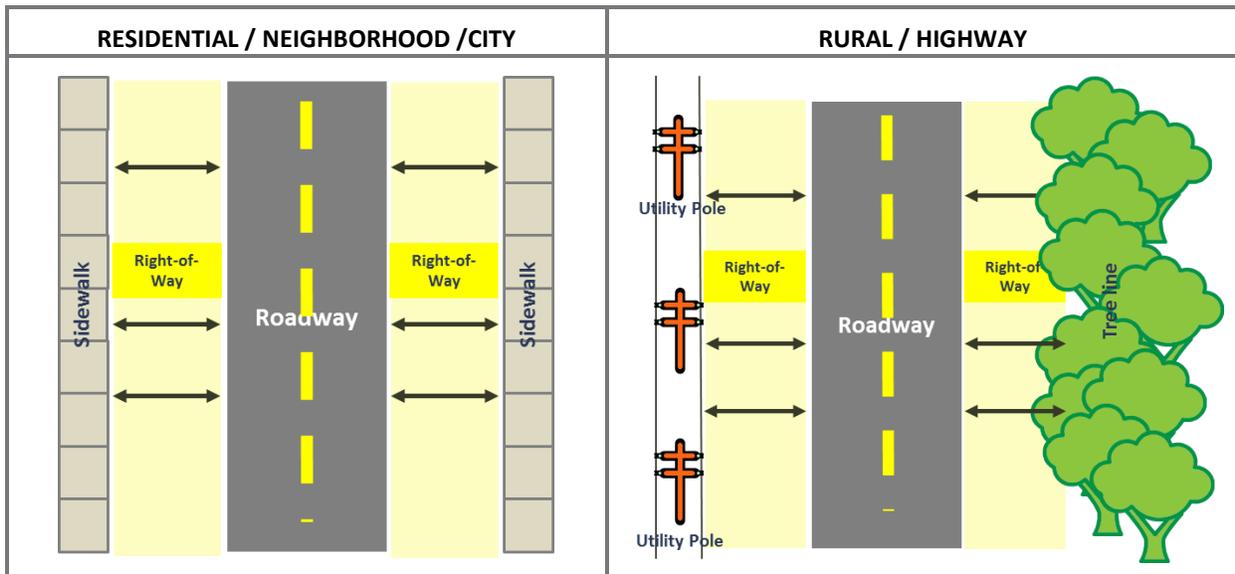
| PUTRESCENT DEBRIS | INFECTIOUS WASTE | SAND/SEDIMENT |
|---|---|---|
|  |  |  |

IMPORTANT: be aware of the following debris type that are **NOT** eligible.

- Debris resulting from landscaping / beautification
- Debris resulting from garage cleaning
- Debris resulting from illegal dumping
- Debris located on private property
- Debris generated by businesses

Right-of-Way (ROW) Debris Removal

The areas shaded in yellow represent the ROW zone for which eligible debris may be picked up from



Hazardous Tree, Limb and Stump Debris Removal

Hazardous Trees (“Leaners”)

A tree is considered hazardous if its condition was caused by the disaster; it is an immediate threat to lives, public health and safety, or improved property; it has a diameter breast height of six (6) inches or greater; and one or more of the following:

| | | | |
|---|---|--|---|
|  |  |  |  |
| It has more than 50% of the crown damaged or destroyed | It has a split trunk or broken branches that expose the heartwood | It has fallen or been uprooted with a public-use area | It is leaning at an angle greater than 30 degrees |

Trees determined to be hazardous and that have less than 50% of the root-ball exposed should be cut flush at the ground level and grinding of the resulting stump is NOT eligible.

Hazardous Limbs (“Hangers”)

A limb is considered hazardous and eligible for reimbursement if:

- Its condition was caused by the disaster
- Located on improved public property
- Greater than two (2) inches in diameter at the point of breakage
- Still hanging in a tree and threatening a public-use area, e.g. trails, sidewalk or public right-of-way, and golf cart paths

Hazardous limbs should be cut at the closest main branch junction.

Hazardous Tree Stumps

A stump may be considered hazardous and eligible for reimbursement if it meets all of the following criteria:

- Its condition was caused by the disaster
- It has 50% or more of the root-ball exposed (if less than 50% of root ball is exposed the tree should be documented as a “leaner” and should be flush cut)
- It is greater than 24 inches in diameter, as measured 24 inches above the ground
- It is in improved public property or a public right-of-way
- It poses an immediate threat to life and public health and safety

Generally, FEMA will give approval on a case by case basis prior to conducting the removal of a stump.

Documentation

Proper documentation must be captured for the above activities to be conducted. Proper documentation consists of a minimum of the following:

- Evidence of the immediate threat such as a “before photo” of the hazardous leaning tree, hanging limb or stump
- Evidence the immediate threat was addressed such as a “after photo” showing the cut hazardous leaning tree, hanging limb or stump with a measurement confirming the work meets the qualifying criteria for each category

Section 4

- Evidence of the location of the threat by recording the nearest building address and/or the GPS location
- Evidence of the date and time the work was conducted
- Evidence of the equipment utilized to conduct the work, e.g. the truck certification number

Debris Collection Monitor Duties

Debris Operations

- Ensure only debris from approved areas is loaded for removal
- Ensure that debris is loaded by mechanized equipment
- Ensure that hazardous waste is not mixed into debris loads
- Record the type of equipment used and verify that the equipment is affixed with a placard
- Record the hours of equipment use, including down time (for time and materials)
- Ensure that the loading area is completely cleared of debris prior to moving to a new location
- Prepare and complete accurate load tickets
- Issue load tickets for each debris load to the debris removal contractor
- Observe and report performance and productivity of debris removal crews on daily log

Eligibility

- Ensure that loads of debris collected meet established and disaster specific guidance related to debris eligibility
- Validate eligible hazardous trees, including leaners, hangers, and stumps
- If using manual paper tickets, verify GPS readings or address for ROW debris collection and GPS readings and address for leaners, hangers, and stumps.
 - Leaner – At least 24” in diameter (measured breast height) and leaning at least 30 degrees in the direction of public property or over 50% of the crown damaged.
 - Hanger – At least 2” in diameter and in danger of falling in the direction of public property
 - Stump – At least 24” in diameter with root ball exposed. Stump removal must be pre-approved by FEMA and project management prior to extraction.
- Only issue load tickets for debris that you have observed the collection of (do not issue load tickets for debris that arrives at the collection site pre-loaded)
- Ensure that the work performed is in accordance with the Scope of Work as directed by the Field Supervisor

Communication

- Remain in regular contact with Field Supervisor and immediately report any safety or compliance issues
- Photograph and document any damage to utilities, driveways, road surfaces, or private property

Compliance

- Report any compliance or eligibility issues or concerns to the Field Supervisor

Safety Equipment

- Radio/cell phone
- Cold potable water or sports-type drinks (Gatorade, etc.)
- Insect repellent
- Sun screen

It is the Collection Monitor's responsibility to provide his/her own safety equipment. TCS Field Supervisor will remove Collection Monitors unable to meet the minimum safety equipment requirements from the job site.

Personal Protective Equipment

- Hard hat
- Safety glasses
- Long work pants
- High visibility vest
- Leather work boots
- Field Supervisors may remove Collection Monitors unable to comply with the minimum Personal Protective Equipment requirements from the job site.

Safety Requirements

- Ensure that collection operations are safe and compliant with the Thompson Health and Safety Plan as well as applicable local, state, and federal regulations
- Check debris collection areas for common sense safety considerations, including, but not limited to downed power lines, children playing, traffic control needs, and safe operation of debris removal trucks
- In order to minimize the possibility of damages, identify utility meters, transformers, fire hydrants, mailboxes, and other items prone to damage and point out the items of concern to the debris removal contractor
- Ensure that debris loads are contained properly prior to departing from the collection location
- Report issues and notices of concern to Field Supervisor

Debris Collection Monitor Checklist

Paper Load Tickets

The Debris Collection Monitor is responsible for observing and documenting the following information for each load of debris collected:

- Prime contractor name
- Loading date

Section 4

- Loading time of collection (recorded at time of departure from collection location)
- Disaster number
- Truck number
- Drivers name
- Debris Type (vegetation, C&D, mixed, etc.)
- Loading location (street address or GPS coordinates)
- Collection monitor name, number, and signature

Electronic Load Tickets

The Debris Collection Monitor is responsible for observing and electronically documenting contractor activities using an ADMS device. The following information should be reviewed on each printed ticket after a load of debris collected:

- Loading date
- Loading time of collection (recorded at time of departure from collection location)
- Truck number
- Project name
- Load monitor name
- Debris Type (vegetation, C&D, mixed, etc.)
- Loading location (GPS coordinates)
- Ticket number

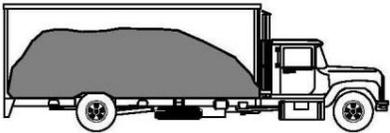
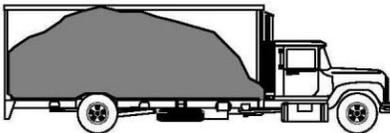
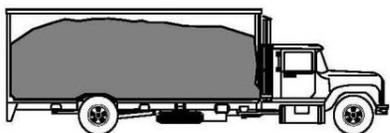
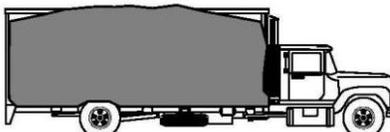
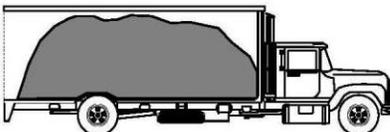
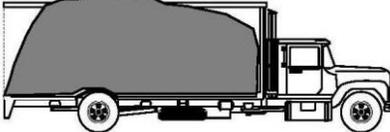
The Debris Collection Monitor should also ensure that the QR code is not warped or skewed to ensure that it can be scanned by the disposal site ADMS device.

Introduction

The Debris Management Site (DMS) Monitor is responsible for determining the load volume of incoming debris loads to an approved DMS, observing the unloading of the debris containers at the DMS, and confirming/recording that truck containers exiting a DMS are completely empty. The Disposal Monitor shall ensure that the DMS operations are compliant with the Thompson Health and Safety Plan.

Load Call Capacity

The DMS Monitor will make a determination of the load volume of incoming debris loads, known as a “load call.” The load call is an estimated percentage of how full the truck is at the time of disposal. The following diagrams can be used to assist in determining a load call.

| 60% Debris Load in Truck | 75% Debris Load in Truck | 85% Debris Load in Truck |
|---|--|---|
|  |  |  |
| 95% Debris Load in Truck | 75% Debris Load in Truck w/ No Tailgate | 85% Debris Load in Truck w/ No Tailgate |
|  |  |  |

IMPORTANT: do **NOT** make a load call or allow disposal of disaster debris if you see the following items:

- Bagged debris
- Hazardous waste
- White goods (household appliances)
- Hand-loaded trailers

DMS Monitor Duties

Debris Operations

- Ensure only debris from approved areas is loaded for removal
- Ensure that hazardous waste is not mixed into debris loads
- Record the type of equipment used and verify that the equipment is affixed with a placard

Section 5

- Record the hours of equipment use, including down time (for time and materials)
- Visually observe the additions and reductions notated on the truck certification to verify that the placard has not been altered
- Randomly re-certify truck loading containers
- Ensure that truck loads are properly credited and recorded
- Estimate the percentage of full capacity for each loading container
- Ensure that trucks are not artificially loaded
- Collect load ticket from debris removal contractor driver
- Complete load ticket fields
- Ensure that all debris is unloaded from the container at the DMS
- Observe debris reduction and DMS operations

Eligibility

- Confirm that all fields of the load ticket are filled out completely and legibly
- Report any missing load ticket fields to the Field Supervisor

Communication

- Remain in regular contact with Field Supervisor and immediately report any safety or compliance issues
- Ensure truck containers are empty before exiting the DMS

Compliance

- Report any compliance or eligibility issues or concerns to the Field Supervisor
- Verify that necessary environmental permits to operate and reduce debris at the DMS have been obtained

Safety Equipment

- Radio/cell phone
- Cold potable water or sports-type drinks (Gatorade, etc.)
- Insect repellent
- Sun screen

It is the DMS Monitor's responsibility to provide his/her own safety equipment. TCS Field Supervisor will remove Collection Monitors unable to meet the minimum safety equipment requirements from the job site.

Personal Protective Equipment

- Hard hat
- Safety glasses
- Long work pants
- High visibility vest

- Leather work boots

Field Supervisors may remove DMS Monitors unable to comply with the minimum Personal Protective Equipment requirements from the job site.

Safety Requirements

- Ensure that collection operations are safe and compliant with the Thompson Health and Safety Plan as well as applicable local, state, and federal regulations
- Check debris collection areas for common sense safety considerations, including, but not limited to downed power lines, children playing, traffic control needs, DMS security needs and safe operation of contractor equipment
- Report issues and notices of concern to Field Supervisor

DMS Monitor Checklist

Paper tickets

- The DMS Monitor is responsible for confirming the following information recorded by the Collection Monitor:
 - Prime contractor name
 - Loading date
 - Loading time of collection (recorded at time of departure from collection location)
 - Disaster number
 - Truck number
 - Drivers name
 - Debris Type (vegetation, C&D, mixed, etc.)
 - Loading location (street address or GPS coordinates)
 - Collection monitor name, number, and signature

The DMS is responsible for observing, determining, and documenting the following information for each load of debris collected:

- Truck capacity
- Load size (percentage full)
- Unloading/DMS location
- Unloading date and time (arrival at DMS)
- DMS monitor, name, number, and signature

Electronic tickets

The DMS Monitor is responsible for confirming the following information recorded by the Collection Monitor:

- Loading date
- Loading time of collection (recorded at time of departure from collection location)
- Truck number

Section 5

- Project name
- Load monitor name
- Debris Type (vegetation, C&D, mixed, etc.)
- Loading location (GPS coordinates)
- Ticket Number

The DMS is responsible for observing, determining, and electronically documenting the following information for each load of debris collected:

- Load size (percentage full)
- DMS monitor name

Debris Removal Monitoring Quick Reference Guides

Thompson's Debris Removal Monitoring Quick Reference Guides are proprietary and have not been included currently for this reason. When activated, as part of our training program, Thompson provides the appropriate quick reference guides to our field monitors. The guide(s) provides an overview on eligibility and safety requirements for the program/position the monitor is working as well as a step-by-step instructions on processing the appropriate documentation for the activity utilizing Thompson's automated debris management system (ADMS).

- Debris Removal Monitor ROW Program Quick Reference Guide
- Debris Removal Monitor Leaner, Hanger and Stump Program Quick Reference Guide
- Debris Management Site Monitor Quick Reference Guide
- Truck Certification Monitor Quick Reference Guide

SECTION 7

Key Personnel

Staff Overview

Thompson’s staff of consultants is amongst the most educated, qualified, and dynamic in the industry. Our personnel are disaster recovery and response experts, business, and financial consultants; registered professional engineers, geologists, and surveyors; scientists; and technical professionals in the following disciplines: civil, structural, environmental, geotechnical, hydraulic, mechanical, and electrical engineering. Thompson has over **650** multi-disciplined personnel on staff with diverse qualifications that can be drawn upon to address any project needs.

Thompson has provided the following list of personnel by discipline as evidence of our unique qualifications and credentials, as well as our capacity to support projects of any size and scope.

Personnel by Discipline

| | | | |
|-----------------------------|------|-------------------------------------|-----|
| Grant/Financial Consultants | 30 | Environmental Engineers | 2 |
| Debris Project Managers | 60 | Geologists | 9 |
| Debris Supervisors | 200 | Scientists/Environmental | 6 |
| On-call Debris Monitors | 1000 | Construction Inspectors | 167 |
| Construction Managers | 7 | Landscape Architect | 2 |
| Architects | 6 | Professional Land Surveyors | 11 |
| Civil Engineers | 60 | Sanitary Engineer | 4 |
| Cost Engineer / Estimator | 2 | Safety / Occupation Health Engineer | 4 |
| Structural Engineers | 11 | Scheduler | 2 |
| Geotechnical Engineers | 11 | Mechanical Engineer | 1 |
| Transportation Engineers | 12 | Hydraulic Engineer | 3 |
| GIS Specialist | 6 | Support Staff | 100 |

With advanced degrees in business, economics, finance, engineering, computer science and other disciplines, we provide a well-rounded perspective and approach to problem solving in the emergency management and disaster recovery industry.

Thompson provides the City with access to a unique combination of experience, services, resources, and personnel through our family of companies. With a network of more than **260** on-call debris removal monitoring managers and supervisors and more than **1,000** inspectors, Thompson has the personnel and experience to support the City’s disaster related debris management and monitoring needs.

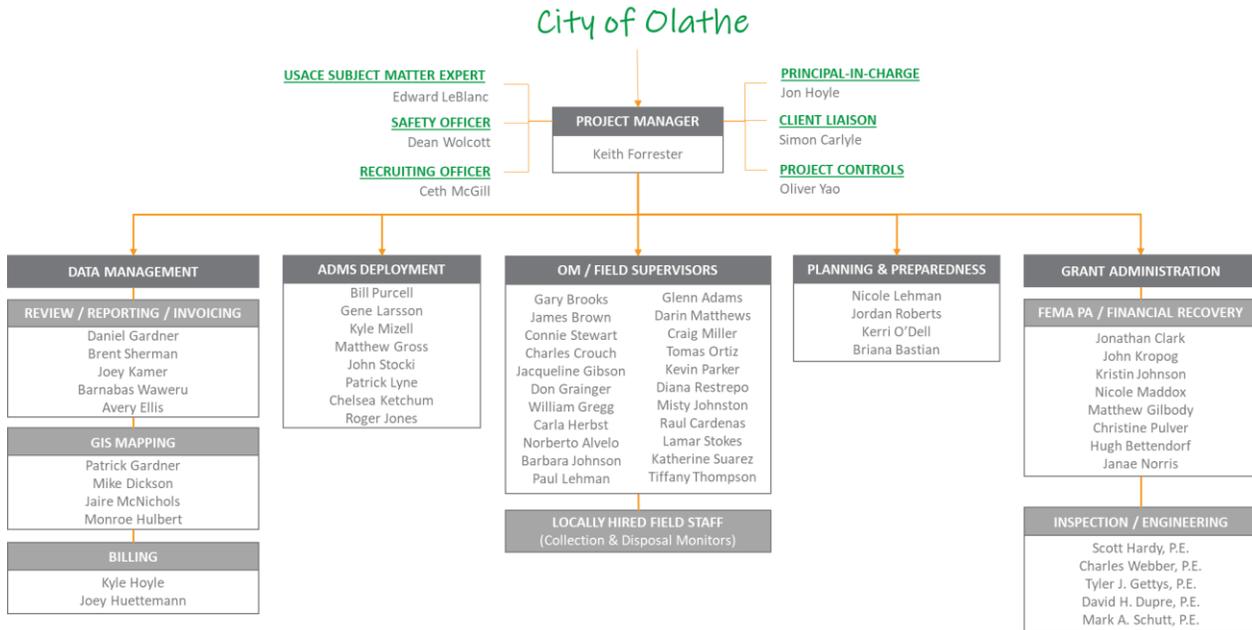
Dedicated Project Team Organization

Thompson is committed to staffing the City’s requirements in accordance with the management staffing and key personnel proposed herein. Our technical approach is designed to be scalable in nature in order to effectively respond to both minor and catastrophic debris generating events as well as adjust to the changing needs of the City throughout the recovery process.

The following organizational chart graphically presents Thompson’s proposed project staffing and key personnel. Many of the team members have supported the City’s disaster planning and readiness efforts as well as hundreds of debris removal monitoring operations throughout the United States following flooding, hurricanes, tornados, wildfires, and severe storms. Our proposed team brings extensive

experience working directly with impacted communities and familiarity with the City’s needs following a debris-generating event.

Figure 7-1: Organizational Chart



Key Personnel Overview

JON HOYLE will serve as the Principal-in-Charge for the City and provide support as needed to ensure project operations are in accordance with the City’s expectations. Mr. Hoyle has twenty years of experience providing management and oversight for disaster response and recovery efforts and grant writing administration / program management throughout the Nation. He has managed 75 projects under contracts that total over \$2.5 billion in grant administration and recovery efforts that required the mobilization of over 5,000 field and professional personnel over the past 10 years. His programmatic experience includes FEMA-PA, FHWA-ER, NRCS-EWP, HUD-CDBG, FEMA-HMGP, and others.

SIMON CARLYLE will serve as the Client Liaison for the City and serve as a direct point of contact to address the City’s needs throughout the term of the contract. Carlyle has twenty years of experience working with state and local governments providing disaster debris removal monitoring services. He has responded to over 30 disaster incidents and has extensive knowledge of federal, state, and local policies and reimbursement guidelines.

Mr. Carlyle has previously supported the City during preparedness initiatives for potential debris generating disaster(s). He served as the City’s primary point of contact and attended the City’s annual meetings. Mr. Carlyle has facilitated communication between the City and debris hauler(s) to aid in rapid mobilization of equipment and resources to begin recovery efforts within 24 hours of notice to proceed.

OLIVER YAO will serve as the Project Controller for the City to oversee contractual requirements and budget expectations. His experience spans nineteen years providing program management and oversight of disaster response and recovery projects following hurricanes, tornadoes, ice storms,

wildfires, and other debris generating incidents. Mr. Yao is a subject matter expert in FEMA Public Assistance criteria and documentation standards and has overseen the data management and documentation of over 116 million cubic yards of debris over the course of his career.

KEITH FORRESTER will serve as the Project Manager for the City, ensuring project operations are implemented in accordance with the contract and task order(s) issued by the City as well as oversee day-to-day operations of the project and work closely with the City's debris hauler to coordinate crew requirements and scheduling. Mr. Forrester is a full-time employee that has managed FEMA funded storm debris removal projects in Hawaii, Texas, Florida, Arkansas, Oklahoma, Missouri, New York, and South Carolina. His project experience includes serving as a project manager on behalf of the City-Parish of Baton Rouge, Louisiana, following multiple large-scale debris generating events such as flooding and Hurricane Ida as well as serving as an operations manager on behalf of the City of Mayfield and Graves County, Kentucky following devastating tornadoes that produced over 524,000 cubic yards of debris. More recently, Mr. Forrester assisted the Town of Lahaina during recovery efforts following severe wildfire impacts in 2023.

NICOLE LEHMAN will serve as the Planning and Preparedness lead for the City. Ms. Lehman has eighteen years of disaster response and recovery experience. She is well versed in the programs, agencies, procedures, and regulations involved in successfully running disaster debris management operations. In addition, Ms. Lehman provides annual training to many of our clients, including the City of Fort Lauderdale, Florida, regarding debris removal monitoring operations and FEMA policy guidance.

DANNY GARDNER will serve as the Data Manager for the City. Mr. Gardner has served as a data manager, program manager and grant management consultant for multiple federally funded grant programs on projects totaling approximately \$2 billion. His extensive understanding of the eligibility requirements, federal regulations and policies across many federal grant programs allows clients to maximize disaster recovery and mitigation reimbursement.

JONATHAN CLARK will serve as the FEMA / Cost Recovery Subject Matter Expert and work directly with the City as needed to oversee the financial recovery of all eligible costs associated with FEMA PA and FHWA-ER activities. Mr. Clark began his career in disaster recovery as a FEMA employee in Louisiana following Hurricane Katrina. Since that time, Mr. Clark has served as a grant management consultant for both Grantees and Applicants/Sub-Grantees, giving him experience in all roles involved in the FEMA Public Assistance grant program. Having served clients at the local, state, and federal level, Mr. Clark has managed the financial recovery of communities receiving more than \$2.5 billion in federal funding.

PATRICK GARDNER will provide GIS and mapping support to the City. Mr. Gardner has ten years of experience and has supported recovery operations in this capacity for several large-scale, multi-state, region, and municipal disaster incidents. He is well versed in ESRI ArcGIS applications and utilizing geospatial data to convey project operations and progress. Mr. Gardner is also a Federal Aviation Administration Certified Remote Pilot for Small Unmanned Aircraft.

ERIK NOBS Mr. Nobs' areas of expertise include Incident Command/emergency response and recovery, logistics and operational management and program development, specializing in hazardous tree program management. He ensures assessment operations and tree removal operations fall within Federal funding compliance, American National Standards, OSHA and follows BMPS as well as Federal, State and local ordinances across the US. Mr. Nobs' subject matter expertise being a Board-Certified Master Arborist and as a debris removal lead has lent his hand in developing training materials and

programs including Standard Operating Procedures for tree assessment protocols while leading and managing ISA Certified Arborists, California Registered Professional Foresters and multi-disciplined scientists and assessment technicians.

The following table further summarizes the background of our key personnel and outlines our staff's extensive experience managing and monitoring debris removal operations on behalf of local and state governments. *Resumes for key personnel have been provided as Exhibit 7-1 following this section.*

Table 7-1: Summary of Project Team Experience

| Name, Education, Background | | Representative Experience | |
|--|---|---------------------------------------|--|
| Jon Hoyle Principal-in-Charge | | | |
| 20 Years of experience | – Escambia County, FL – 3,700,000 CY | – South Carolina DOT – 3,000,000 CY | |
| MBA – Finance/Management | – Puerto Rico DOT – 1,000,000 CY | – Aiken County, SC – 1,500,000 CY | |
| | – Lee County, FL – 2,300,000 CY | – Harris County, TX – 2,500,000 CY | |
| Simon Carlyle Client Liaison | | | |
| 20 Years of experience | – Calcasieu Parish, LA – 6,700,000 CY | – Pinellas Co, FL – 380,000 CY | |
| | – City of Lake Charles, LA – 3,400,000 CY | – Sarasota Co, FL – 288,000 CY | |
| | – Baldwin Co, AL – 4,400,000 CY | – Beaufort Co, SC – 1,700,000 CY | |
| Oliver Yao Project Controller | | | |
| 19 Years of experience | – Beaufort Co, SC – 1,700,000 CY | – Hidalgo Co, TX – 187,000 CY | |
| MS – Management & Finance | – Baldwin Co, AL – 4,400,000 CY | – Hamilton Co, TN – 408,000 CY | |
| | – Bay County, FL – 1,200,000 CY | – Linn Co, IA – 1,100,000 CY | |
| Keith Forrester Project Manager | | | |
| 18 Years of experience | – Ascension Parish, LA – 469,000 CY | – Jackson Co, FL – 120,000 CY | |
| | – Kentucky DOT – 1,840 Tons | – DeSoto Co, FL – 618,000 CY | |
| | – Orange Beach, AL – 645,000 CY | – Jacksonville, NC – 269,300 CY | |
| Jonathan Clark FEMA Public Assistance Liaison | | | |
| 20 Years of experience | – Hurricane Irma - \$112,000,000 | – State of New York - \$200,000,000 | |
| MS – Business Management | – Denham Springs, LA - \$20,000,000 | – State of Louisiana - \$150,000,000 | |
| | – SCDOT - \$195,000,000 | – Escambia County, FL – \$192,000,000 | |
| Danny Gardner Data Manager | | | |
| 18 Years of experience | – SWA Palm Beach Co – 2,300,000 CY | – Alabama DOT – 870,000 CY | |
| MBA – Finance/Management | – Chatham Co, GA – 1,400,000 CY | – South Carolina DOT – 3,000,000 CY | |
| | – Baton Rouge, LA – 1,800,000 CY | – Escambia County, FL – 3,700,000 CY | |
| Nicole Lehman Planning and Preparedness | | | |
| 18 Years of experience | – Puerto Rico DOT – 400,000 CY | – Chatham Co, GA – 1,400,000 CY | |
| BA – Psychology & Spanish | – Fort Lauderdale, FL – 460,000 CY | – Daytona Beach, FL – 330,000 CY | |
| | – St. Augustine, FL – 83,000 CY | – Escambia County, FL – 3,700,000 CY | |
| Patrick Gardner GIS / Environmental | | | |
| 10 Years of experience | – Gadsden County, FL – 900,000 CY | – Chatham Co, GA – 1,400,000 CY | |
| MS – Fisheries & Aquatic Sciences | – SWA Palm Beach Co, FL – 3,200,000 CY | – Baton Rouge, LA – 1,800,000 CY | |
| | – Fort Lauderdale, FL – 400,000 CY | – South Carolina DOT – 3,000,000 CY | |
| Erik Nobs Arborist | | | |
| 13 Years of experience | – New Mexico DOT – 200,000 Tons | – Pinellas Co, FL – 327,000 CY | |
| | – Sanibel, FL – 2,500,000 CY | – Volusia Co, FL – 170,000 CY | |
| | – Gadsden Co, FL – 275,000 CY | – Lee County, FL – 2,300,000 CY | |

Professional Licenses and Certifications / Training Courses

Thompson believes it is critical to educate our staff and provide them with the credentials that are recognized by the federal, state, and local emergency management community. Many of our staff members are credentialed with some combination of the certifications provided in the table below. Also, many of our project management consultants hold various Occupational Safety and Health Administration (OSHA) certifications for safety and other project related activities.

Table 7-2: Staff Certifications & Training

| Agency/Course | Certification Title |
|---------------|---|
| FEMA IS 1A | Emergency Program Manager, an Orientation to the Position |
| FEMA IS 30b | Mitigation eGrants System for the Subgrant Applicant |
| FEMA IS 31b | Mitigation eGrants System for the Grant Applicant |
| FEMA IS 100c | Introduction to the Incident Command System (ICS) |
| FEMA IS 120c | An Introduction to Exercises |
| FEMA IS 200c | Basic Incident Command System for Initial Response |
| FEMA IS 230e | Fundamentals of Emergency Management |
| FEMA IS 241c | Decision Making and Problem Solving |
| FEMA IS 242c | Effective Communication |
| FEMA IS 253b | Overview of FEMA's Environmental and Historic Preservation Review |
| FEMA IS 393b | Introduction to Hazard Mitigation |
| FEMA IS 403 | Introduction to Individual Assistance |
| FEMA IS 1300 | Introduction to Continuity of Operations |
| FEMA IS 1000 | Public Assistance Program and Eligibility |
| FEMA E376 | Public Assistance Operations |
| FEMA IS 632a | Introduction to Debris Operations in FEMA's PA Program |
| FEMA IS 634 | Introduction to FEMA's Public Assistance Program |
| FEMA IS 700b | National Incident Management System (NIMS) an Introduction |

This coursework and continuing education allows our employees to remain current with ever-changing policy while earning certifications that will provide them with credibility within the federal, state and local emergency management community.

Key Personnel Qualifications

Debris Removal Programs

Thompson's proposed team of disaster response and recovery experts have responded to some the most devastating natural disasters to impact the United States in the last decade. Each team member has served in a variety of recovery operations roles and has real-world experience managing and supporting special disaster recovery programs to include right-of-way (ROW), private property/right-of-entry (ROE) work, waterways clean-up and reimbursement, leaning tree and hanging limb removal, hazardous material removal, vessel and vehicle recovery, asbestos abatement, data management and hauler invoice reconciliation and contracting, and FEMA appeals assistance. Thompson's consultants have experience with all of the following disaster recovery programs.

Debris Removal Monitoring

- Debris hauling vehicle certification (volumetric)
- Right-of-Way debris collection
- Debris management site operations
- Leaning tree, hanging limb, and hazardous stump removal
- Parks debris removal
- Private property debris removal
- Contractor invoice reconciliation and payment recommendation
- Vessel and vehicle recovery
- Asbestos abatement
- Health and safety monitoring
- Multi-jurisdictional coordination/scheduling
- Damage claim resolution

- Right-of-Entry (ROE) administration
- Waterway debris removal monitoring
- Beach and shoreline restoration
- Data management
- Document management
- Progress reporting
- Disaster recovery monitoring with handheld devices
- Hazardous material removal
- GIS reporting
- Cost recovery/grant applications

Special Services Debris Removal Programs



Thompson's consultants consider special debris removal programs such as private property/right of entry work, waterways clean-up, demolition management, vessel, and vehicle recovery, etc. as service offerings that our clients expect following a disaster event. Thompson's consultants have extensive and unique experience with private property debris removal and demolition housing initiatives, including the management of many of the largest multi-phase, multi-property demolition and housing initiatives in the United States over the past ten years. In addition, Thompson has extensive waterway/coastal recovery experience, including waterway, wetland and

beach sand removal and restoration monitoring. A sample of Thompson's extensive experience with special debris removal monitoring programs includes, but is not limited to:

- New Mexico Department of Transportation: Acequia Debris Removal Program
- Puerto Rico Infrastructure Financing Authority: Private Property Debris Removal and Demolition
- City-Parish of East Baton Rouge: C&D, HHW, E-Waste, White Goods
- SC Department of Transportation: Leaning Trees/Hazardous Limbs
- New York City: Abandoned Vehicle Recovery
- Hancock County: Animal Carcasses
- Sevier County: Private Property Debris Removal
- City of Tuscaloosa: Structural Demolitions
- City of Gulfport: Food Waste
- City of Fort Lauderdale: Beach Sand Removal and Restoration
- Alabama State Port Authority: Wetland Debris Removal
- Aiken County, South Carolina: Waterway Debris Removal

Thompson has extensive experience working closely with various federal, state and local agencies, including departments of transportation, environmental protection, FEMA, FHWA and the NRCS to monitor special debris removal programs.

Disaster Cost Recovery and Reimbursement Processes

Thompson's consultants are well versed in federal program compliance regulations and policy for FEMA and other federal agencies. Our consultants thoroughly understand the programs, policies, and regulations related to disaster reimbursement and will use this knowledge to aid in the recovery and reimbursement of all eligible debris and other related project costs. Thompson's goal is to promote an

effective recovery in the most efficient amount of time while focusing on the end product of reimbursement though compliance with all applicable federal, state and local regulations.

Public Assistance Program Consulting Services

- Preliminary damage assessment (PDA) data management tool development (categories A-G)
- Collection and compilation of PDAs
- Applicant kickoff meeting facilitation
- Debris staging site consultation (environmental, logistical, etc.)
- Project worksheet development
- Housing inventory damage assessment
- Direct administrative cost (DAC) support
- Damage site surveying (photography, GPS, condition reports, cost estimation, etc.)
- Small/large project formulation and scoping
- Alternate / improved projects
- Section 406 mitigation consultation
- Procurement assistance
- Expenditure review/approval and reconciliation
- EMMIE monitoring/support
- FEMA appeals assistance

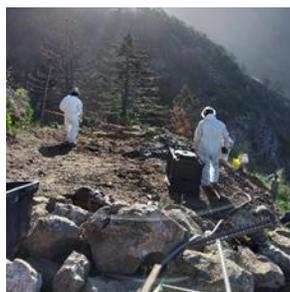
Grant Application, Administration, and Management

Thompson's experience in supporting recovery efforts for local and state governments spans three decades and accounts for the administration of more than **\$5.5** billion in federal grant funding. Our consultants can draw upon their knowledge and experience in working with over eight different federal grant funding agencies and **15** grant programs, including the following:

- Federal Emergency Management Agency
 - Public Assistance (PA)
 - Hazard Mitigation Grant Program (HMGP)
 - Pre-disaster Mitigation (PDM)
 - Flood Mitigation Assistance (FMA)
- Federal Highway Administration (FHWA)
 - Emergency Relief (ER)
- Environmental Protection Agency (EPA)
- Department of Housing & Urban Development
 - Community Development Block Grant
 - HOME Investment Partnership Program
- Natural Resources Conservation Service (NRCS)
 - Emergency Watershed Protection (EWP)
- Small Business Administration (SBA)
- Department of Agriculture (USDA)

Thompson's approach to disaster recovery services has been specifically developed to provide our clients with audit-ready documentation in a format that facilitates an expedited federal and state review. Should FEMA, State and/or OIG representatives issue any audit requests, Thompson is prepared to fully assist the City, as it is common for FEMA and State agencies to request support during the project review, obligation, and audit process.

Experience and Knowledge of Environmental Requirements



In addition to our disaster related debris removal monitoring and grant administration experience, Thompson stands fully equipped and prepared to assist the City as needed with services related to permitting, solid waste management, hazardous waste management, asbestos abatement, lead based paint testing and other environmental and engineering inspection requirements. Our Environmental Group was established in 1982 and is comprised of **40+** environmental engineers, water/wastewater engineers, geologists, biologists, NEPA specialists, GIS specialists, soils scientists, hazardous materials managers, asbestos and lead-based paint specialists, storm water and erosion control experts, safety professionals, inspectors, and technicians.

Debris Management Planning

Thompson has leveraged the lessons that we have learned from managing previous disaster debris programs as well as our strong regulatory knowledge and capabilities to develop several comprehensive debris management plans (DMP). Thompson works closely with our clients throughout the DMP development process to make certain the resulting plan is both in accordance with the Federal Emergency Management Agency (FEMA) Public Assistance Program and Policy Guide for Debris Removal and contains the components critical to the success of a debris removal operation.

Though conceptually similar, Thompson understands that each DMP will vary to reflect the intricacies and needs of our clients. Our plan development process is scalable and flexible depending on the need for developing a new plan or updating an existing plan; or the need for selecting and validating potential debris management sites (DMS) or to have existing sites reviewed and permitted by specific state agencies. Typically, the geographic size, population characteristics, propensity for and type of disaster, and many other factors dictate the complexity of a DMP.

Debris Removal Monitor Labor Force Sourcing

Thompson's proposed staffing plan is designed to be flexible and scalable so that we can effectively and efficiently respond to the City's needs. We maintain a staff of full-time and on-call disaster debris monitoring experts, consultants and supervisors that will be available to support the implementation and management of debris removal monitoring operations. In addition, Thompson maintains professional human resources and recruiting staff that have over **14** years of experience in disaster response and recovery services available to assist in identifying and placing personnel.

It is Thompson's intent to fill temporary debris monitoring positions with local qualified residents in need of work. Thompson will provide qualified residents with safety training and on the job training with experienced debris monitoring supervisors. Thompson is the only debris monitoring firm that performs motor vehicle operating record reviews and as-needed drug screenings for its temporary employees. This practice results in a team of monitors that is both safe and committed to quality. We will make sure that all local hires are properly trained prior to being deployed to monitor a debris removal crew. In addition, this effort will help residents participate in the City's recovery efforts with a **meaningful impact** and **earn a competitive hourly wage**.

*In addition, Thompson maintains a national recruiting and hiring database comprised of over **19,000** temporary and on-call debris removal monitors, field supervisors, inspectors, etc. that have previously served in such roles with Thompson following a disaster event.*



EXHIBIT 7-1: KEY PERSONNEL RESUMES

Jon Hoyle

President

FIRM

Thompson Consulting Services
2601 Maitland Center Parkway
Maitland, Florida 32751

EDUCATION

BA: International Relations
MBA: Management and Finance

EXPERIENCE

20 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G) | FEMA Hazard Mitigation Grant Program (404 and 406) | FHWA ER Program | CDBD Disaster Recovery | CDBG Housing

Mr. Hoyle has 20 years of experience providing management and oversight for disaster response and recovery efforts and grant writing administration / program management throughout the United States. He has managed 150 projects under contracts that total over \$2.5 Billion in grant administration and recovery efforts that required the mobilization of over 10,000 personnel.

PROJECT EXPERIENCE

Hurricane Helene Disaster Recovery, State of Georgia, 2024 – 2025 | Mr. Hoyle served as the principal-in-charge during Thompson’s state-wide Georgia mobilization in response to Hurricane Helene. Thompson conducted debris removal monitoring operations on behalf of 22 unique Georgia clients simultaneously. Mr. Hoyle was responsible for contract obligations and cost controls for all projects. Thompson provided debris monitoring and substantiation for more than 10.5M cubic yards of debris across Georgia.

New Mexico Department of Transportation, Wildfire and Mudflows 2022 – 2023 | Mora and San Miguel County, New Mexico were severely impacted by wildfire and mudflows in 2022. Following the completion of a United States Army Corps of Engineers debris removal program, the New Mexico Department of Transportation (NMDOT) was tasked with completing remaining Private Property Debris Removal (PPDR) and demolition activities. Mr. Hoyle served as principal-in-charge addressing the NMDOT’s operational needs.

Hurricane Ida, Disaster Recovery Operations, State of Louisiana, 2021 – 2022 | Mr. Hoyle served as principal-in-charge during Thompson’s state-wide mobilization in response to Hurricane Ida. Thompson conducted debris removal monitoring operations on behalf of 13 unique clients simultaneously. Mr. Hoyle ensured contract obligations were met and cost controls were closely monitored for all ongoing projects. Overall, Thompson monitored the removal of over 11.7M cubic yards of debris as of Hurricane Ida.

Escambia County, Florida, Hurricane Disaster Debris Removal Monitoring, 2020 – 2021 | Mr. Hoyle served as the principal-in-charge for Escambia County, Florida following Hurricane Sally. He was responsible for over-seeing cost controls for projects and maintaining contract obligations. Thompson provided FEMA reimbursement support as well as debris removal monitoring and substantiation for over 4M cubic yards of construction, demolition, and vegetative debris.

Puerto Rico Department of Transportation and Public Works (DTOP), Hurricane Maria, 2017 – 2018 | Hurricane Maria is regarded as the worst natural disaster on record to impact Puerto Rico. Following the devastating impacts of the storm Mr. Hoyle worked with DTOP to ensure proper procurement measures were in place to solicit and begin disaster debris removal and monitoring services. Ultimately, Thompson began performing debris monitoring services in three DTOP zones. Mr. Hoyle oversaw the establishment of project operations and is responsible for contract obligations and cost controls.

Hurricane Irma, Disaster Recovery Operations, State of Florida, 2017 – 2018 | Mr. Hoyle served as principal-in-charge during Thompson’s state-wide mobilization in response to Hurricane Irma. Thompson conducted debris removal monitoring operations on behalf of 45 unique clients simultaneously. Mr. Hoyle was responsible for contract obligations and cost controls for all projects. Thompson provided debris monitoring and substantiation for more than 11.6M cubic yards of debris as a result of Hurricane Irma.

Hurricane Matthew, Disaster Recovery Operations, Multiple States, 2016 – 2017 | Mr. Hoyle served as principal-in-charge during Thompson's multi-state mobilization in response to Hurricane Matthew. Thompson conducted debris removal monitoring operations in five (5) states and 23 unique clients simultaneously. Mr. Hoyle was responsible for contract obligations, cost controls, and FEMA Category A&B reimbursement for all projects. Thompson provided debris monitoring and substantiation for more than 3.2M cubic yards of debris as a result of Hurricane Matthew.

South Carolina Department of Transportation, Severe Flooding, 2015 – 2016 | Mr. Hoyle again served on the Thompson management team during the SCDOT's response to statewide severe flooding. He was responsible for contract obligations, cost controls, and FEMA Category A&B reimbursement for all projects. Thompson provided debris monitoring services on behalf of the SCDOT in 11 counties as well as FEAM PA services to identify and document damages to approximately 600 sites and prepared and submitted both large and small project worksheets totaling over \$35,000,000 and including hazard mitigation measures.

South Carolina, Winter Storm Pax Regional Response and Disaster Recovery, 2014 | Winter Storm Pax impacted the State of South Carolina generating widespread vegetative disaster debris. Thompson was activated by the South Carolina Department of Transportation (SCDOT), Georgetown, Marion, Williamsburg, Aiken and Allendale Counties to provide debris removal monitoring services. Mr. Hoyle served on the Thompson management team responsible for contract obligations, cost controls, and FEMA Category A&B reimbursement for all projects. Thompson monitored, documented, and substantiated reimbursement for the removal of over 2,900,000 cubic yards of debris and the removal of 400,000 hazardous limbs and trees.

Louisiana and Mississippi, Hurricane Isaac Regional Response and Disaster Recovery, 2012 | In August 2012, Hurricane Isaac struck the Louisiana and Mississippi gulf coast with Category 1 strength winds and 24 hours of sustained rainfall. Mr. Hoyle served on the Thompson debris program team responsible for mobilizing and deploying project staff and resources to multiple jurisdictions along coastal Mississippi and Louisiana, including Jackson and Hancock County, MS, and Terrebonne Parish and Denham Springs, LA. In all, Thompson's field monitoring efforts documented and substantiated reimbursement for the removal of nearly 100,000 cubic yards of debris from roadways, canals, and beaches.

Virginia Department of Transportation (VDOT), Multiple Locations, Hurricane Recovery Debris Monitoring, 2011 | In the wake of Hurricane Irene the VDOT called upon their pre-position contractors to assist it with collecting and disposing of debris strewn about its rights-of-way in the Central and Eastern regions of the State. Thompson was tasked with providing debris removal monitoring services in the Ashland, Chesterfield, Petersburg, South Hill, and Saluda Residencies, which included a territory of 23 Counties. Mr. Hoyle served as the Principal-In-Charge acting as the liaison officer between the VDOT's pre-positioned contractors and the field management team.

Alabama Department of Conservation and Natural Resources (ADCNR), Disaster Management and Debris Monitoring, Alabama, 2011 | Mr. Hoyle served as the Project Manager for the disaster management and debris monitoring at Guntersville, Buck's Pocket, and Morgan's Cove State Parks following the crippling tornados of April 2011. The campgrounds were totally destroyed and massive amounts of debris were scattered in the roadways, trail systems, and fire lines. At peak, 90 crews were mobilized, managed, and monitored. Contract value totals \$1.5-million.

Texas and Louisiana, Hurricane Ike Long Term Recovery, Infrastructure Repair and Grant Management Administration, 2008 – 2011 | Following the devastating impact that Hurricanes Ike made on the Texas and Louisiana coast, Mr. Hoyle implemented and managed over 15 large long term recovery, infrastructure repair, and grant administration programs in Texas and Louisiana and helping obtain over \$250 million FEMA PA, FHWA ER, and CDBG DR funds on behalf of local governments and agencies such as the Port of Galveston, City of Galveston, and Texas Department of Transportation.

Norman, Oklahoma, Ice Storm Deployment, 2008 | Following a crippling ice storm in Norman, Oklahoma in 2008, Mr. Hoyle served as the Principal in Charge for a program to document and account for contracted response, recovery, and debris removal operations initiated by the City. The effort documented and substantiated over \$3 million worth of eligible FEMA and FHWA funding.

Florida and Mississippi, Hurricane Deployment, Hurricane Katrina, 2005 – 2007 | Mr. Hoyle deployed teams to simultaneously respond to multiple local governments in Florida and Mississippi to provide debris monitoring and grant administration assistance. The effort documented and substantiated the removal of over 5,000,000 cubic yards of debris, representing \$175 million of FEMA and FHWA reimbursement to local governments.

Nathaniel Counsell

Executive Vice President

FIRM

Thompson Consulting Services
2601 Maitland Center Parkway
Maitland, Florida 32751

EDUCATION

BA: Economics
MBA: International Business

EXPERIENCE

20 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G) | FEMA Hazard Mitigation Grant Program (404 and 406) | FEMA Severe Repetitive Loss Program | FHWA ER Program | CDBD Disaster Recovery | CDBG Housing

Mr. Counsell has 20 years of experience providing management and oversight for disaster response and recovery efforts throughout the United States. He has managed 80 projects under contracts that total over \$1.5 Billion in recovery efforts that required the mobilization of over 5,000 field and professional personnel.

PROJECT EXPERIENCE

Lee County, Florida, Hurricane Ian Disaster Recovery Operations, 2022 – 2023 | Mr. Counsell served as the principal-in-charge / corporate resource officer for Lee County, Florida following the large-scale impacts of Hurricane Ian in 2022, one of the deadliest hurricanes to impact the State of Florida. Mr. Counsell worked closely with the County and the County's debris removal contactor ensuring all projects had the resources necessary to implement monitoring operations. Thompson substantiated the removal of over 5.7 million cubic yards of debris from the County. Additionally, Thompson has monitored the removal of over 43,450 hazardous limbs and trees throughout the County.

City of Mobile, Alabama, Hurricane Disaster Debris Removal Monitoring, 2020 - 2021 | Mr. Counsell served as the principal-in-charge / corporate resource officer for the City of Mobile following the effects of Hurricane Sally. Severe flooding produced large amounts of construction, demolition, and vegetative debris, and Thompson monitored the removal of over 660,000 CY of debris from the City. Mr. Counsell ensured all projects had the resources necessary to implement monitoring operations including special debris removal programs involving City parks and the environmental preservation of historical flora.

Solid Waste Authority of Palm Beach County (SWA), Hurricane Irma, 2017 - 2018 | Mr. Counsell served as the principal-in-charge / program manager to coordinate debris monitoring and disposal operations throughout the county,

this included performing monitoring services for 18 communities within the County and documenting all disposal loads brought to the SWA's landfills. Overall Thompson provided the substantiation for more than 3M cubic yards of debris as a result of Hurricane Irma.

Hurricane Irma, Disaster Recovery Operations, State of Florida, 2017 - 2018 | Mr. Counsell served as the principal-in-charge / corporate resource officer during Thompson's state-wide mobilization in response to Hurricane Irma. Thompson conducted debris removal monitoring operations on behalf of 45 unique clients simultaneously. Mr. Counsell ensured all projects had the resources necessary to implement monitoring operations for all projects and programs. Thompson provided debris monitoring and substantiation for more than 11.6M cubic yards of debris as a result of Hurricane Irma.

Louisiana Severe Flooding, City of Baton Rouge, Parish of East Baton Rouge and Denham Springs, LA, 2016 - 2017 | Mr. Counsell served as the principal-in-charge / corporate resource officer for the City of Baton Rouge, Parish of East Baton Rouge and Denham Springs disaster recovery operations conducted by Thompson. Each of these communities were severely impacted by massive flooding and required specialized debris removal programs. Recovery operations in the City / Parish of East Baton Rouge resulted in the collection of over 1.9M cubic yards of construction and demolition debris, the largest C&D removal program since Hurricane Katrina. Over 90% of the City of Denham Springs was impacted by flooding resulting in 250,000 CY of debris collected. Both projects also required extended ROW debris removal and Thompson worked with

each community to implement a private property debris removal (PPDR) program. Mr. Counsell ensured all projects had the resources necessary to implement monitoring operations for all programs. He also worked closely with the leadership of each community to address public information concerns and worked closely with the debris removal contractors to assist in organized debris removal operations.

South Carolina Department of Transportation, Severe Flooding, 2015 | Mr. Counsell served as the corporate resource officer during the SCDOT's response to statewide severe flooding. Mr. Counsell ensured all projects had the resources necessary to implement debris removal monitoring in 11 counties throughout the State.

South Carolina, Winter Storm Pax Regional Response and Disaster Recovery, 2014 | Winter Storm Pax impacted the State of South Carolina covering various regions of the State in up to 1.5" of ice which generated widespread vegetative disaster debris. Thompson was activated by the South Carolina Department of Transportation (SCDOT), Georgetown, Marion, Williamsburg, Aiken and Allendale Counties to provide debris removal monitoring services. Mr. Counsell served on the Thompson management team responsible for contract obligations, cost controls, and FEMA Category A&B reimbursement for all projects. Thompson monitored, documented, and substantiated reimbursement for the removal of over 2,900,000 cubic yards of debris and the removal of 400,000 hazardous limbs and trees.

Louisiana and Mississippi, Hurricane Isaac Regional Response and Disaster Recovery, 2012 | In August 2012, Hurricane Isaac struck the Louisiana and Mississippi gulf coast with Category 1 strength winds and 24 hours of sustained rainfall. Mr. Counsell served on the Thompson financial team responsible for contract cost controls and FEMA Category A&B reimbursement for multiple jurisdictions along coastal Mississippi and Louisiana, including Jackson and Hancock County, MS, and Terrebonne Parish and Denham Springs, LA. In all, Thompson's data and financial management efforts authorized nearly a \$1,000,000 of eligible contractor payments and substantiated reimbursement for the removal of nearly 100,000 cubic yards of debris from roadways, canals, and beaches.

Virginia Department of Transportation (Multiple Locations), Hurricane Recovery and Debris Removal, 2011 | In the wake of Irene, the Virginia Department of Transportation (VDOT) called upon their pre-position contractors to assist it with collecting and disposing of debris strewn about its rights-of-way in the Central and Eastern regions of the State. Thompson

was tasked with providing debris removal monitoring services in the Ashland, Chesterfield, Petersburg, South Hill, and Saluda Residencies, which included a territory of 23 Counties. Mr. Counsell served as Project Manager for this engagement and oversaw all debris monitoring operations.

Calhoun County, Alabama, Tornado Disaster Debris Monitoring, 2011 | Mr. Counsell served as the Project Manager for disaster debris removal monitoring following the crippling tornados of April 2011. The project involved monitoring right-of-way collection of vegetative and construction and demolition (C&D) debris throughout the County and administering and monitoring contracted debris removal from private property through a right-of-entry (ROE) program as part of Operation Clean Sweep administered by FEMA and AEMA. Contract value totals \$3-million.

New Orleans, Louisiana, FEMA Funded Commercial and Residential Demolition Program, 2007-2009 | Between 2007 and 2009, Mr. Counsell served as the Program Manager of the City of New Orleans residential and commercial demolition program, helping the City design and implement a multi-phase process for the identification, historical review, decommissioning, demolition, and disposal of over 1,500 residential and commercial structures located throughout the City. The program required coordinated cost tacking to 5 large Project Worksheets totaling over \$50 million in FEMA Public Assistance Funding.

Louisiana and Texas, Hurricane Deployment, Hurricanes Dolly, Gustav, and Ike, 2008-2010 | Following the devastating impact that Hurricanes Dolly, Gustav, and Ike made on the Texas and Louisiana coast, Mr. Counsell deployed, implemented, and executed 10 large scale debris monitoring and grant administration programs in Texas and Louisiana and helped obtain \$250 million FEMA PA, FHWA ER, and CDBG DR funds on behalf of local governments and agencies such as Terrebonne Parish, City of New Orleans, and City of Houston.

South Florida, Hurricane Deployment, Hurricane Wilma, 2005-2006 | Mr. Counsell deployed teams to simultaneously respond to 17 local governments in Broward, Miami-Dade, and Monroe County, FL to provide debris monitoring and grant administration assistance. The effort documented and substantiated the removal of over 5,000,000 cubic yards of debris, representing \$175 million of FEMA and FHWA reimbursement to local governments.

Simon Carlyle

Vice President / Client Liaison

FIRM

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EDUCATION

BS: Television Production

EXPERIENCE

20 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G) | FEMA Hazard Mitigation Grant Program (404 and 406) | FHWA ER Program | HUD CDBD Disaster Recovery | HUD CDBG Housing

Mr. Carlyle has 20 years of experience providing management and oversight for disaster response and recovery efforts throughout the United States. He has managed over 70 of the most devastating disaster events in Florida, Texas, Alabama, Virginia, Louisiana, South Carolina, Georgia, and Mississippi. Mr. Carlyle has extensive experience in all stages of disaster recovery and has a thorough knowledge of federal, state, and local policies.

PROJECT EXPERIENCE

City of Houston, Texas, Disaster Recovery Operations, 2024 – 2025 | The City suffered from back-to-back disaster events including a severe storm and Hurricane Beryl in 2024. Mr. Carlyle served as the City's client liaison and coordinated closely with the City during complex and separate recovery efforts including right-of-way debris and hazardous hanging limb and trees removal operations as well as special programs in City parks and private gated property. Thompson monitored approximately 6.7 million cubic yards of debris.

New Mexico Department of Transportation, Wildfire and Mudflows 2022-2023 | Mora and San Miguel County, New Mexico were severely impacted by wildfire and mudflows in 2022. Following the completion of a United States Army Corps of Engineers debris removal program, the New Mexico Department of Transportation (NMDOT) was tasked with completing remaining Private Property Debris Removal (PPDR) and demolition activities. Mr. Carlyle served as client liaison acting as the direct point of contact to address the NMDOT's needs during project operations.

State of Florida – Multiple Communities, Hurricane Ian, 2022 – 2023 | Mr. Carlyle served as the client liaison during mobilization efforts in response to the devastating impacts of Hurricane Ian. Mr. Carlyle managed multiple projects communicating with clients directly to address schedules and unique project goals/expectations. Thompson assisted 27

clients simultaneously the state and documented the removal of over 11.5M cubic yards of demolition and vegetative debris.

Virginia Department of Transportation, Severe Winter Storm Debris Removal Monitoring, 2021 | Mr. Carlyle served as client liaison for the Virginia Department of Transportation where he provided senior management oversight, coordinated staffing and logistics support, ensured unique health and safety plan was executed and oversaw and audited daily reporting.

State of South Carolina – Multiple Communities, Tornado Recovery Operations, 2020 | Mr. Carlyle served as the regional manager during mobilization in response to an unprecedented number of tornados affecting the state. Following the tornado outbreak, Mr. Carlyle managed multiple projects overseeing debris removal operations and debris site quality control.

State of South Carolina – Multiple Communities, Hurricane Dorian Recovery operations, 2019 | Following the effects of Hurricane Dorian, an extremely powerful Category 5 hurricane, Mr. Carlyle served as the regional manager for multiple clients across the state. Mr. Carlyle provided program oversight, order preparation and quality assurance measures.

Jefferson County & Orange County, Texas, Tropical Storm Imelda Disaster Recovery Operations, 2019 | Mr. Carlyle served as regional manager on behalf of Jefferson County and Orange County, Texas following the devastating effects of Tropical Storm Imelda. The storm caused wide-spread flooding and produced large quantities of debris throughout the state.

Mr. Carlyle assisted the counties in the removal and substantiation of over 100,000 cubic yards of debris.

Lee County, Alabama, Tornado Disaster Recovery Operations, 2019 | Mr. Carlyle served as the project manager for Lee County after it was impacted by one of the most fatal and highly destructive tornadoes in recent history. Mr. Carlyle was able to mobilize to the County within hours of a notice-to-proceed and began immediate coordination with local, state and federal officials. Mr. Carlyle worked closely with the County and the County's debris hauler to develop a debris removal strategy and schedule.

Southwest Georgia – Multiple Communities, Hurricane Michael Response and Disaster Recovery, 2018 – 2019 | Hurricane Michael was an extremely destructive Category 5 storm that impacted multiple states across the panhandle including Georgia. Mr. Carlyle served as a regional manager under a team providing debris monitoring and documentation under the United States Army Corps of Engineers. Mr. Carlyle oversaw field operations and served in a client liaison role.

State of Florida – Multiple Communities, Hurricane Irma Recovery and Debris Removal Monitoring, 2017 – 2018 | Mr. Carlyle served as regional manager on behalf of nearly 20 cities and counties in the state of Florida following the impacts of Hurricane Irma. As regional manager, Mr. Carlyle was responsible for communicating with various city and county administrators, scheduling debris removal operations, overseeing training, project staffing and data management, ensuring that debris and documentation remains accurate, representing clients in meetings with State and Federal officials, and coordinating government agency meetings.

State of Texas – Multiple Communities, Hurricane Harvey Disaster Debris Monitoring & Recovery Services, 2017 – 2018 | Mr. Carlyle served as the regional manager for disaster debris removal monitoring in multiple cities and counties following Hurricane Harvey. Mr. Carlyle worked directly with impacted cities, counties, and respective communities, scheduling debris removal operations and task orders, and communicating all project matters related to the counties, cities, and towns to city and county staff.

Beaufort County, South Carolina, Hurricane Matthew Recovery Operations & DDMP Development, 2016 – 2017 | Mr. Carlyle has worked closely with the County to provide support during annual trainings and assisted in the development of the County's Disaster Debris Management Plan (DDMP). Following Hurricane Matthew in 2016, Mr. Carlyle served as the project manager on behalf of the county and oversaw debris removal operations including the removal

of over 1.7M cubic yards of debris and the removal of over 62,000 Hazardous hanging limbs and leaning trees. In addition, he successfully oversaw waterway debris and vessel removal.

State of South Carolina – Multiple Communities, Winter Storm Pax Disaster Recovery, 2014 | In February of 2014 Severe Winter Storm Pax impacted the State of South Carolina covering various regions of the State in up to 1.5" of ice which generated widespread vegetative disaster debris. Mr. Carlyle worked with multiple county and local governments to establish debris removal and incident response plans in order to begin responding to residential and community needs. Mr. Carlyle created debris removal and monitoring programs with communities that had no preposition contract in place.

City of Sioux Falls, South Dakota, Severe Winter Storm Recovery Operations, 2013 | The City was severely impacted by a severe winter storm that caused damage and hazardous debris. Mr. Carlyle served as the project manager overseeing the deployment and activation of staffing and equipment resources. Mr. Carlyle also assisted the City in utilizing unique mapping parameters and reporting protocols. Nearly 30,000 hazardous hanging limbs were removed from the City.

Bastrop County, Texas, Wildfire Recovery Services, 2011 – 2012 | Mr. Carlyle served as the project manager following devastating wildfires that impacted the County. Mr. Carlyle led a team of experts who expedited project worksheets, maintained FEMA compliant documentation and initiated a private property debris removal program.

City of Waveland, Mississippi, Hurricane Katrina Disaster Recovery & Private Property Debris Removal, 2006 | The City was severely impacted by Hurricane Katrina and suffered widespread damage. Mr. Carlyle served as the project manager on behalf of the City and oversaw right-of-way debris removal operations, the removal of hazardous leaning and hanging limbs and trees, City parks debris removal operations, and private property debris removal projects.

TRAINING & CERTIFICATIONS

- IS-100: Introduction to ICS
- IS-120: Introduction to Exercises
- IS-00556: Damage Assessment for Public Works
- IS-00559: Local Damage Assessment
- IS-00634: Introduction to FEMA's PA Program
- IS-700: Introduction to NIMS
- Homeland Security Exercise and Evaluation Program (HSEEP) Certified

Oliver Yao

Vice President

FIRM

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EDUCATION

BA: Economics
MBA: Management and Finance

EXPERIENCE

19 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G)

Mr. Yao has 18 years of experience providing program management and oversight of disaster response and recovery projects throughout the United States. His experience spans recovery efforts following hurricanes, tornadoes, ice storms, wildfires, and other debris generating incidents. Mr. Yao is a subject matter expert in FEMA Public Assistance criteria and documentation standards and has overseen the data management and documentation of over 116 million cubic yards of debris over the course of his career.

PROJECT EXPERIENCE

Houston, Texas, Severe Storms & Hurricane Beryl, 2024 – 2025 | The City of Houston was severely impacted by back-to-back disaster incidents in 2024, including Hurricane Beryl and damaging severe storms. Mr. Yao served as the project controls specialist overseeing operational needs and ensuring contract terms and budgets were kept. Thompson monitored the removal of over 5.6M cubic yards of debris from the City.

New Mexico Department of Transportation, Wildfire and Mudflows 2022 – 2023 | Mora and San Miguel County, New Mexico were severely impacted by wildfire and mudflows in 2022. Following the completion of a United States Army Corps of Engineers debris removal program, the New Mexico Department of Transportation (NMDOT) was tasked with completing remaining Private Property Debris Removal (PPDR) and demolition activities. Mr. Yao served as a subject matter expert supporting NMDOT with PPDR and demolition program management and monitoring services.

Livingston Parish, Louisiana, Hurricane Ida Recovery, 2022 | In addition to generating disaster debris along the Parish right-of-way and public property, Hurricane Ida also severely impacted Parish waterways. The Parish was successful in submitting waterways for approval under the Natural Resources Conservation Service (NRCS) Emergency Watershed Protection program. Mr. Yao servers as a senior manager supporting the documentation and management of the NRCS waterways debris removal program.

Terrebonne Parish, Louisiana, Hurricane Ida Recovery, 2022-2023 | As part of recovery efforts following Hurricane Ida, the Parish initiated and private property debris removal and demolition program. Mr. Yao serves as a senior manager supporting the Thompson field manager in the oversight and quality assurance of PPDR and demolition program documentation and program

CalRecycle, California, Wildfire Recovery, 2021 | Mr. Yao served as a senior manager and supported project controls for the 2021 Wildfire structural debris and hazard tree assessment and removal program. The program consisted of two divisions, the North Division which included the counties of Lassen, Plumas, Siskiyou, Tehama, and Trinity; and the Central Division which included the counties of Alpine, El Dorado, Placer, Nevada, and Lake. Mr. Yao supported project setup including workplans, staffing, and data documentation and reporting.

State of Louisiana, Hurricane Ida Program Management, 2021 | Mr. Yao provided senior management oversight and project controls for 11 projects within the State of Louisiana including St. John the Baptist, St. James, Iberville, and St. Helena Parishes. Mr. Yao's senior oversight included over 4.7 million cubic yards and over 82,000 hazardous trees from the 11 combined projects.

State of Louisiana, Hurricanes Delta and Zeta Program Management, 2020 | Hurricanes Delta and Zeta were two late season hurricanes that impacted Louisiana. Mr. Yao provided senior management oversight and project controls for six

projects including Acadia and St. Martin Parish. The response and recovery operations for Hurricanes Delta and Zeta were completed on average within 30 days and totaled 167,000 CY of debris and 3,800 hazardous trees.

Baldwin County, Alabama, Hurricane Sally Program Management, 2020 | Hurricane Sally impacted the State of Alabama as a strong Category 2 hurricane and caused extensive damages to Baldwin County. Mr. Yao served as part of the senior management team and supported project setup, documentation, staffing, reporting, and project controls. The project resulted over 4.4 million cubic yard of debris and over 46,000 hazardous trees and stumps. Mr. Yao also supported the County in responding to FEMA requests for information and supporting documentation.

State of Louisiana, Hurricane Laura Program Management, 2020 | Hurricane Laura impacted the State of Louisiana as a destructive category 4 hurricane. Mr. Yao served as senior leadership and oversaw project setup, documentation, staffing, and project controls for 15 clients in Louisiana. Work included the City of Lake Charles, Calcasieu Parish, the City of Sulphur, Allen Parish, Vermillion Parish, and the City of Alexandria to name a few. Mr. Yao's senior oversight included over 15.3 million cubic yards and over 130,000 hazardous trees from the 15 combined projects. Mr. Yao also supported the two Private Property Debris Removal programs for Calcasieu Parish and the Town of Vinton.

CalRecycle, California, Camp Fire, 2019 | The Camp Fire Incident destroyed over 13,000 structures. Mr. Yao served as a senior manager supporting project setup, staffing, data management, financial accounting, and project controls. This program resulted in the documentation of over 3.6 million tons of structural debris.

State of Florida, Hurricane Michael Program Management, 2018 | Hurricane Michael impacted the Florida panhandle region as a Category 5 hurricane. Mr. Yao provided management and data oversight for 11 projects in Florida including Bay County, Franklin County, Wakulla County and the cities of Lynn Haven, Springfield, and Callaway. Mr. Yao supported the oversight and documentation of over 5.5 million cubic yards and over 21,000 hazardous trees.

State of Georgia, Hurricane Michael Program Management, 2018 | In addition to impacting the State of Florida, Hurricane Michael also severely impacted the State of Georgia. The United States Army Corps of Engineers (USACE) was activated to coordinate debris removal in 13 counties. Mr. Yao served as a senior manager and was responsible for project setup,

controls, reporting, and staffing. In total, over 3.4 million cubic yards of debris was documented and collected.

State of Florida, Hurricane Matthew Program Management, 2016 | Hurricane Matthew impacted the east coast of Florida. Mr. Yao served as a senior manager and data management coordinator 21 projects including the counties of Volusia, Flagler, St. Johns, and Brevard County. Mr. Yao supported the documentation and data management of over 3.2 million cubic yards of debris.

State of South Carolina, Hurricane Matthew Program Management, 2016 | Mr. Yao served as a senior manager and data management coordinator for over 11 projects in South Carolina including Beaufort County and the Town of Hilton Head Island. Mr. Yao supported the documentation and reporting of over 4.4 million cubic yards of debris.

State of Texas, Severe Storms, Tornadoes, Straight-Line Winds and Flooding Program Management, 2015 | Mr. Yao served as a senior manager and data management coordinator for the City of Houston, Hays County, and Caldwell County following severe storms and flooding that resulted in a disaster declaration. Mr. Yao supported project documentation and reporting.

State of Alabama, Severe Storms and Tornadoes Program Management, 2014 | Mr. Yao served as a senior manager and data management coordinator for the counties of Blount and Limestone. Mr. Yao supported documentation, data management, and reporting deliverables for the projects.

New Jersey Department of Environmental Protection, Hurricane Sandy, 2012 | Mr. Yao served as a senior manager and data management coordinator for NJDEP waterways debris removal program. This program included the removal of submerged and partially submerged hurricane debris as well as sediment removal that was a result of the hurricane.

City of New Orleans, Louisiana, Hurricane Katrina Data Management, 2011 | Mr. Yao served as a senior data manager and was responsible for the coordination, data management, reporting, and invoice reconciliation of over 1,700 residential structural demolitions that were a result of Hurricane Katrina.

State of Texas, Hurricane Ike Data Management, 2008 | Mr. Yao served as a senior data manager and was responsible for the coordination, data management, reporting, and invoice reconciliation of multiple projects including the City of Houston, City of Galveston, and Galveston County.

Daniel Gardner

Vice President / Data Manager

FIRM

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EDUCATION

BSBA: Management Information Systems
MBA: Finance and Management

EXPERIENCE

18 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G) | FEMA Hazard Mitigation Grant Program (404 and 406) | FEMA Severe Repetitive Loss Program | CDBD Disaster Recovery | CDBG Housing

Mr. Gardner has served as a program manager and grant management consultant for multiple federally funded grant programs on projects totaling approximately \$2 billion. His extensive understanding of the eligibility requirements, regulations and policies across many federal grant programs allows clients to maximize disaster recovery and mitigation reimbursement. He provides oversight throughout grant and project implementation and is intimately familiar with such activities as application development, public outreach, environmental review, vendor procurement, project and process monitoring, fair housing and Davis Bacon compliance, project closeout and program audits.

Mr. Gardner has assisted clients obtain funding from multiple federally funded grant programs including the U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant (CDBG) Program, the Federal Emergency Management Agency (FEMA) Public Assistance (PA) Program and the FEMA Hazard Mitigation Grant Program (HMGP).

PROJECT EXPERIENCE

Hurricane Helene Disaster Recovery, State of Georgia, 2024 – 2025 | Mr. Gardner served as the data manager during Thompson's state-wide Georgia mobilization in response to Hurricane Helene. Thompson conducted debris removal monitoring operations on behalf of 22 unique Georgia clients simultaneously. Mr. Gardner was responsible for the overall data management, reconciliation, and daily reporting for all projects. Thompson provided debris monitoring and substantiation for more than 10.5M cubic yards of debris.

Hurricane Ida, Disaster Recovery Operations, State of Louisiana, 2021 – 2024 | The State of Louisiana was severely impacted by Hurricane Ida, and Thompson conducted debris removal monitoring operations on behalf of 13 unique clients simultaneously. Mr. Gardner served as the data manager during Thompson's state-wide mobilization and was responsible for overseeing all daily ticket review, detailed road review and daily reporting. In addition, Mr. Gardner performed contract reviews and invoice reconciliations. Overall, Thompson monitored the removal of approximately 15.1M cubic yards of debris.

U.S. Army Corps of Engineers (USACE), Louisville District - Kentucky, Tornado Recovery Operations, 2021 – 2022 | In December of 2021, Graves County and the City of Mayfield were devastated by a Major EF4 tornado that required a massive emergency response and recovery operation. Thompson responded to both the City and County as the debris monitoring subconsultant to the U.S. Army Corps of Engineers (USACE). Mr. Gardner served as the Data Manager overseeing the Thompson data team who provided quality assurance, project reporting, mapping, data management, and invoice reconciliation support. Overall, Thompson monitored the removal of more than 433,000 cubic yards of debris from the County and City.

Grant Parish, Louisiana, Hurricane Laura Disaster Recovery Operations, 2020 - 2021 | Mr. Gardner served as the Data Manager overseeing all data operations for Grant Parish following the severe effects of Hurricane Laura. He was responsible for daily ticket reviews, data reconciliation and validation, daily reporting and contractor invoice tracking. Overall, Thompson has monitored and documented the removal of over 1.1M cubic yards of debris from the Parish.

Puerto Rico Department of Transportation and Public Works (DTOP), Hurricane Maria, 2017 - 2018 | Hurricane Maria is regarded as the worst natural disaster on record to impact Puerto Rico. Following the devastating impacts of the storm DTOP selected Thompson to perform debris monitoring services in three DTOP zones. Mr. Gardner served as Data Manager and was responsible for overseeing all daily ticket review, detailed road review and daily reporting. In addition, Mr. Gardner performs all contract review and invoice reconciliation.

Hurricane Irma, Disaster Recovery Operations, State of Florida, 2017 - 2018 | Mr. Gardner served as the lead Data Manager overseeing Thompson's state-wide mobilization in response to Hurricane Irma. Thompson conducted debris removal monitoring operations on behalf of 45 unique clients simultaneously within the State. Mr. Gardner was responsible for all QA/QC activities as well as contractor invoice reconciliation. Thompson substantiated more than 11.6M cubic yards of debris as a result of Hurricane Irma.

South Carolina Department of Transportation, Severe Flooding Statewide Response, 2015 - 2016 | The SCDOT activated Thompson to provide debris removal monitoring services in 11 counties throughout the State following severe storms and flooding. Mr. Gardner served on the on-site project kickoff team and managed the data reporting and invoice reconciliation tasks throughout the projects. He oversaw the daily review of data and produced reports for the Counties including a daily summary, cost estimation and contractor summary.

South Carolina, Winter Storm Pax Regional Response and Disaster Recovery, 2014 | In February of 2014 Severe Winter Storm Pax impacted the State of South Carolina covering various regions of the State in up to 1.5" of ice which generated widespread vegetative disaster debris. Thompson was activated by the South Carolina Department of Transportation (SCDOT), Georgetown, Marion, Williamsburg, Aiken and Allendale Counties to provide debris removal monitoring services. Mr. Gardner managed the Thompson data management team responsible for validation and reporting of all project data. He was also responsible for data reconciliation and contractor invoicing. Thompson monitored, documented, and substantiated reimbursement for the removal of 2,000,000 cubic yards of debris and the removal of 400,000 hazardous limbs and trees.

City of Hoboken, NJ, Emergency Operations Planning, Debris Monitoring, and FEMA PA Consulting, Hurricane Sandy 2012-2013 | The City of Hoboken was severely impacted by

Hurricane Sandy, experiencing widespread flooding throughout the majority of the City. Mr. Gardner assisted with the oversight and coordination of debris removal operations immediately following the hurricane, and served as the Senior Grant Consultant during preparation the City's FEMA Project Worksheets.

Louisiana and Mississippi, Hurricane Isaac Regional Response and Disaster Recovery, 2012 | In August 2012, Hurricane Isaac struck the Louisiana and Mississippi gulf coast with Category 1 strength winds and 24 hours of sustained rainfall. Mr. Gardner served on the Thompson financial team responsible for contract cost controls and FEMA Category A&B reimbursement for multiple jurisdictions along coastal Mississippi and Louisiana, including Jackson and Hancock County, MS, and Terrebonne Parish and Denham Springs, LA. In all, Thompson's data and financial management efforts authorized nearly a \$1,000,000 of eligible contractor payments and substantiated reimbursement for the removal of nearly 100,000 cubic yards of debris from roadways, canals, and beaches.

City of Tuscaloosa, Alabama, Public Assistance and Long Term Recovery Grant Program, 2011 | The City of Tuscaloosa was impacted by multiple large and small tornadoes in April, 2011. The largest tornado flattened a one mile by six mile swath of the City causing an estimated \$85M in damage. Critical infrastructure was damaged and hundreds of residents lost their homes and property during the event. Mr. Gardner aided the City secure federal funding across several grant programs including CDBG, to assist with the rebuilding of lost public housing while focusing on the goal of energy efficiency and sustainability.

TRAINING & CERTIFICATIONS

- Homeland Security Exercise and Evaluation Program (HSEEP)
- FEMA IS-100a: Introduction to the Incident Command System
- FEMA IS-208a: State Disaster Management
- FEMA IS-230: Principles of Emergency Management
- FEMA IS-253: Coordinating Environmental and Historic Preservation Compliance
- FEMA IS-386: Introduction to Residential Coastal Construction
- FEMA IS-632: Introduction to Debris Operations in FEMA's PA Program
- FEMA IS-700a: National Incident Management System (NIMS) An Introduction

Jonathan Clark

Senior Closeout Specialist / FEMA Reimbursement

FIRM

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EDUCATION

MA: Business Management and Leadership
BA: Homeland Security and Emergency
Management

EXPERIENCE

20 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) | FEMA Hazard Mitigation Grant Program (404 and 406) | HUD CDBG Disaster Recovery | ROE / PPDR Removal Programs

Jonathan Clark has over 19 years of experience in the disaster response and recovery industry. He is a multifaceted consultant with a broad and diverse set of experience working with several federal and state grant programs. Mr. Clark has served as a grant management consultant for both Grantees and Applicants/Sub-Grantees, giving him experience in all roles involved in grant management programs. Mr. Clark has managed the financial recovery of communities receiving more than \$800 million in federal funding.

PROJECT EXPERIENCE

Denham Springs Housing Authority, Louisiana, Severe Flooding FEMA PA, HUD CDBG-DR and Hazard Mitigation Consulting, 2016 - 2023 | Severe storms and flooding left Authority owned buildings and housing units severely damaged and unlivable. As the Project Manager, we are in the process of managing a \$13 million dollar recovery, including construction program oversight, and recovering funds from multiple agencies (CDBG-DR, FEMA), ensuring each agency's requirements are met and adhered to.

New Mexico Department of Transportation, FEMA PA 2022-2023 | Mr. Clark served as the Recovery and Public Assistance Manager for the Hermits Peak Fire recovery response. Mr. Clark was responsible for managing the debris and permanent work projects (damage assessments, hazard mitigation proposals, etc.), mission assignments with New Mexico Homeland Security and Emergency Management (NMHSEM) and assisting in the construction and closeout process. Projects included Categories A, B, C, and D, which total an estimated \$50 million.

Brevard County, Florida, Hurricanes Ian, Nicole, Irma & Micheal FEMA PA 2022-2023 | Mr. Clark assisted the County with legacy projects including Hurricane Irma and Matthew, processing them through closeout. As respondent to Hurricane Ian and Nicole with a combined total estimate of over \$50

million in active project costs, Mr. Clark managed recovery processes, performed site assessment and inspections, as well as provided hazard mitigation proposals.

City of Fort Lauderdale, Florida, Hurricane Irma, and COVID-19, 2017 - 2023 | During Hurricane Irma, the City incurred damages to its beaches, parks, buildings, and utility infrastructure. Mr. Clark processed category A and B claims totaling more than \$25 million as well as multiple permanent work projects, including categories E, F and G, to restore damaged buildings, utilities and parks. Mr. Clark is also assisting the city with its' COVID-19 pandemic response efforts which includes approval of a temporary non-congregate shelter to house vulnerable residents of the community.

City Denham Springs, Louisiana, Severe Flooding FEMA PA, HUD CDBG-DR and Hazard Mitigation Consulting, 2016 - 2020 | Severe storms and flooding left over 1,000 homes severely damaged and public infrastructure devastated, including a destroyed City Hall and over one dozen lift stations in Denham Springs, LA. Mr. Clark is supporting the City in developing FEMA PA and Hazard Mitigation documentation to substantiate over \$12 million in disaster recovery costs. Mr. Clark is also managing the City's HUD CDBG-DR claims, which will provide funding for the non-federal share of the FEMA PA project costs.

Volusia County, Florida, Hurricane Irma, 2017 – 2020 |

Following Hurricane Irma, Mr. Clark assisted Volusia County, FL with the preparation of PWs for both emergency and permanent work. The County suffered widespread damages generating more than 750,000 cubic yards of debris and destroying County infrastructure such as buildings and equipment. In total Mr. Clark prepared project worksheets totaling nearly \$20 million in eligible FEMA PA damages. Additionally, Mr. Clark provided consultation regarding hazard mitigation opportunities to limit the potential damage during future disasters.

South Carolina Department of Transportation (SCDOT), Severe Flooding FEMA PA Consulting, 2015 -2016 |

Mr. Clark served as a FEMA PA grant administration consultant for the SCDOT. Mr. Clark prepared both large and small projects for approximately 100 roads and bridges throughout the State. In this role, Mr. Clark conducted site visits with SCDOT engineers, State representatives and FEMA staff and provided policy guidance and consulting support to maximize reimbursement for the SCDOT. Additionally, Mr. Clark identified mitigation opportunities and prepared Section 406 hazard mitigation requests to further strengthen SCDOT's infrastructure.

New York State Office of Emergency Management, Hurricane Sandy FEMA PA Consulting, 2012 - 2014 |

Mr. Clark assisted multiple Long Island applicants in a grantee role as part of the NYSOEM team. His duties included documentation collection and review, project worksheet development, and program management of FEMA PA applicants' large projects.

Emergency Management Consultant, 2011 - 2012 |

As an Emergency Management Consultant, Mr. Clark coordinated with and assisted federal, state and local emergency management agencies in developing Emergency Response, Multi-Hazard Functional, and/or Mitigation Plans in accordance with Federal and State requirements. His responsibilities included coordinating and assisting federal, state and local emergency management agencies with developing Continuity of Operations, Continuity of Government, Business Continuity Plans, and emergency communication and notification plans and procedures. In addition, Mr. Clark coordinated and assisted in the design, development, facilitation and evaluation of tabletop, functional and full-scale exercises, as well as developed, defined, and established correlation and maintained metrics. Through this valuable experience, he often interfaces and communicates with clients to execute project plans and prepare project deliverables.

Planning Section Chief 2010-2011 | Mr. Clark served as acting Branch Planning Chief. In this position, he collected and organized incident status and situation information as defined within ICS. This involved coordinating, evaluating, analyzing, and displaying information for supervisory managers. In addition, Mr. Clark was responsible for developing, defining, establishing, correlating, and maintaining performance metrics. Other duties included plan, establish and maintain mission assignments, goals and benchmarks for operational planning.

FEMA, Ground Support Unit Lead (Coordinating and Planning) 2005-2009 |

While at FEMA, Mr. Clark planned, coordinated, and managed staff and resources as Deputy Logistic Chief Understudy. He also evaluated and analyzed resources and market trends and research. Other responsibilities at FEMA included:

- Federal Equipment Manager: Includes maintenance, tasking, mobilization, and installation.
- Acting Program Analyst: Created and evaluated logistic operational plans and statistical reports.
- Project Manager: Maintained oversight on special projects and departmental budgets.
- Contracting Officer: Technical Representative managing contracts of more than 5 million USD.
- Resource, Supply, Documentation and Procurement Supervisor
- ICS Team Lead for logistics during Federal response of Gustav and Ike operations.

TRAINING & CERTIFICATIONS

- Graduate Certificate – Public Policy, Hamline University
- Graduate Certificate – Economic Development, Hamline University
- Graduate Certificate – Finance, Rice University
- Environmental Management, Oklahoma State University at Tulsa
- Transportation of Hazardous Materials (DOT), Oklahoma State University at Tulsa
- Management of Solid and Hazardous Waste (RCRA), Oklahoma State University at Tulsa
- RS Means Construction Cost Estimating Concepts
- Executive Certificate Certified Professional Project Manager (CPPM), St. Thomas University, Minneapolis MN
- FEMA E0930, Local ICS Management Course
- Construction Management Certificate, Columbia University (in progress)

Nicole Lehman

Director of Client Services / Planning & Preparedness

FIRM

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Maitland, Florida 32751

EDUCATION

BA: Psychology and Spanish

EXPERIENCE

18 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G) | FHWA ER Program | CDBG Disaster Recovery | CDBG Housing

Ms. Lehman has 17 years of experience providing grant and program management support and oversight for disaster response and recovery efforts throughout the United States. Following Hurricane Ike, she managed multiple projects for Galveston County and the City of Galveston, the most heavily impacted communities by the storm.

Presenter: **National Hurricane Conference, 2013 – Debris Monitoring and Contracting Training Workshop**

PROJECT EXPERIENCE

Hurricane Milton Disaster Recovery, State of Florida, 2024 – 2025 | Ms. Lehman served as a client liaison and program manager during Thompson's state-wide Florida mobilization in response to Hurricane Milton. Thompson conducted debris removal monitoring operations on behalf of 28 unique Florida clients simultaneously. Ms. Lehman was responsible for coordinating project resources such as staff and equipment as well as ensuring client and contracting needs were met. Thompson provided debris monitoring and substantiation for more than 9.6M cubic yards of debris across Florida.

Lee County, Florida, Hurricane Ian Disaster Recovery, 2022 – 2023 | Lee County suffered widespread flooding and extensive damage as a result of Hurricane Ian. Ms. Lehman served as an onsite program manager during the recovery operations and coordinated closely with the County overseeing day-to-day operations for monitoring projects and providing planning support. Thompson has monitored the removal of over 5.7M cubic yards of debris and over 43,450 hazardous limbs and trees throughout the County.

Escambia County, Florida, Hurricane Disaster Recovery Operations, 2020 - 2021 | Ms. Lehman served as a program manager during the recovery operations and response by Escambia County following Hurricane Sally. She was responsible for ensuring all projects had the adequate resources necessary for completion, and that all projects were adhering to all federal, state, and local requirements. As the

County's stand-by debris monitoring service provider, Ms. Lehman has provided planning support and preparedness services to the County.

Puerto Rico Department of Transportation and Public Works (DTOP), Hurricane Maria, 2017 - 2019 | Ms. Lehman served as a program manager overseeing project operations for debris monitoring services in three DTOP designated zones. She was responsible for ensuring all projects were operating in accordance with federal, state and local requirements.

Fort Lauderdale, Florida, Hurricane Irma Disaster Recovery, 2017 | Ms. Lehman served as program manager for Fort Lauderdale's recovery efforts following Hurricane Irma. Thompson monitored the removal of over 600,000 cubic yards of vegetative and construction and demolition debris, as well as the removal of hazardous limbs from 13,000 trees and the complete removal of over 450 hazardous leaning trees. In addition, Thompson implemented a sand recovery and screening operation to return the displaced sand to the public beaches. She coordinated closely with the City and the debris removal contractors to implement and carry out debris removal programs.

City of Daytona Beach, Florida, Disaster Debris Management Plan Update, 2015 | Ms. Lehman led a planning team in the update of the City's Disaster Debris Management Plan. The update included ensuring the plan met new FEMA policy and procedure guidance as well as a review and update of the City's

debris management roles and responsibilities and the debris collection and monitoring strategies.

Alabama Department of Transportation Southwest Region, Disaster Debris Management Plan, 2014 - 2015 | Ms. Lehman assisted in the development and preparation of a Disaster Debris Management Plan (DDMP) for the ALDOT Southwest Region. She worked closely with the Region to develop the debris collection and monitoring strategies included in the plan. In addition Ms. Lehman reviewed debris management site options throughout the Region.

South Carolina Department of Transportation (SCDOT), Winter Storm Pax Recovery Operations, 2014 | Ms. Lehman is currently serving as operations manager for the SCDOT debris removal monitoring mission in Georgetown County. She is in charge of overseeing day-to-day operations for all monitoring projects including emergency road clearance, right-of-way collection, and removal of hazardous leaners and hangers on SCDOT maintained roadways throughout the County.

Georgetown County, South Carolina, Winter Storm Pax Recovery Operations, 2014 | Ms. Lehman served as the operations manager for debris removal monitoring operations in Georgetown County. She was in charge of overseeing day-to-day operations for all monitoring projects including emergency road clearance, right-of-way collection, and removal of hazardous leaners and hangers on County maintained roadways.

City of Hoboken, NJ, Emergency Operations Planning, Debris Monitoring, and FEMA PA Consulting, Hurricane Sandy 2012-2013 | The City of Hoboken was severely impacted by Hurricane Sandy, experiencing widespread flooding throughout the majority of the City. Ms. Lehman has served as the City's Project Manager for debris operations immediately following the hurricane, and PA Consultant in preparing the City's FEMA Project Worksheets. Additionally, Ms. Lehman assisted in the preparation of the City's Emergency Operations Plan, to help prepare the City and all department personnel to respond during future disaster events.

Louisiana and Mississippi, Hurricane Isaac Regional Response and Disaster Recovery, 2012 | In August 2012, Hurricane Isaac struck the Louisiana and Mississippi gulf coast with Category 1 strength winds and 24 hours of sustained rainfall. Ms. Lehman served on the Thompson debris program team responsible for mobilizing and deploying project staff and resources to multiple jurisdictions along coastal Mississippi and Louisiana, including Jackson and Hancock County, MS, and Terrebonne Parish and Denham Springs, LA.

Trinity Bay Conservation District, Texas, Disaster Debris Management Planning, 2012 | Ms. Lehman assisted in the development and preparation of a Disaster Debris Management Plan (DDMP) for the Trinity Bay Conservation District in Chambers County, Texas to ensure increased eligibility for federal PA cost-share in accordance with recent changes to FEMA's PA Pilot Program.

City of Tuscaloosa, Alabama, Severe Storms, Tornadoes, Straight-line Winds, and Flooding, 2011 | Ms. Lehman served as project manager for the City of Tuscaloosa, Alabama and ran the FEMA Public Assistance (PA) and assisted the City with the design and implementation of Housing Demolition Programs following the April 2011 tornadoes that devastated the City and caused an estimated \$85M in damages.

Escambia County, Florida, BP Deepwater Horizon Oil Spill Response, 2010 | Ms. Lehman served as Program Manager of a program designed to minimize the impact that the BP oil spill made on Escambia County's (Pensacola area) beaches, waterways, and tourism. During this effort, over \$1.5 million in claims for oil containment and public outreach were documented and substantiated. Ms. Lehman coordinated and documented the efforts of participating local, state, federal, and private to substantiate the BP claims.

City of Galveston, Texas, Standing Dead Tree Removal Program, Hurricane Ike, 2009-2010 | Following Hurricane Ike, Ms. Lehman monitored a contracted program to remove over 10,000 standing dead trees throughout the City that were killed as a result of saltwater inundation. The monitoring and documentation efforts substantiated over \$3.5 Million in FEMA PA funding. In addition, Ms. Lehman worked with Galveston County to monitor and document over \$62 million worth of debris removal programs including sand removal, vessel recovery, and private property debris removal.

TRAINING & CERTIFICATIONS

- HAWOPER 40-hour Certification
- OSHA 30-hour Certification
- ISO 9000
- Applying for Federal Grants and Cooperative Agreements for Recipients Certificate
- FEMA IS 700.a – National Incident Management Systems (NIMS) an Introduction

Patrick Gardner

GIS Manager

FIRM

Thompson Consulting Services
2601 Maitland Center Parkway
Maitland, Florida 32751

EDUCATION

BS: Marine Science
MS: Fisheries and Aquatic Sciences

EXPERIENCE

10 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B)

Mr. Gardner brings GIS and data management experience from the State University System of Florida. He oversaw data collection and processing for state and federally funded research projects. During this time, he worked both locally and internationally to complete grant deliverables. These deliverables included the creation of publication quality maps and figures which communicated complex spatial data into clear and coherent representations. Most recently, Mr. Gardner assists with data management, invoice reconciliation, and GIS analysis.

PROJECT EXPERIENCE

New Mexico Department of Transportation (NMDOT), Wildfire Recovery Operations, 2022 – 2023 | Widespread wildfires caused significant damages throughout the State in 2022. Thompson was activated by the New Mexico Department of Transportation (NMDOT) in San Miguel and Mora counties to provide disaster debris removal monitoring services on NMDOT maintained roadways and to conduct special programs including private property debris removal and waterway debris removal. Mr. Gardner coordinated with the NMDOT to provide geospatial analysis, maps, and figures for the simultaneous project operations. To date, Thompson has monitored the removal of over 170,000 tons of debris and 12,000 hazardous trees and limbs on behalf of the NMDOT.

City of Mobile, Alabama, Hurricane Sally Recovery Operations, 2020 - 2021 | Mr. Gardner served as the GIS manager for the City following Hurricane Sally. He was responsible for coordinating with the City to provide geospatial analysis and maps and figures representing City-wide debris monitoring operations data. Overall, Thompson monitored the removal of over 850,000 cubic yards of debris.

Hurricane Michael, Disaster Recovery Operations, Florida and Georgia, 2018 - 2019 | Mr. Gardner provided GIS and data management services during Thompson's mobilization in response to Hurricane Michael which included over 12 contract activations. Mr. Gardner coordinated with each community to establish eligible roadway maps and was

responsible for mapping data points through GIS and providing support to the QA/QC team.

Hurricane Florence, Disaster Recovery Operations, North Carolina, 2018 | Mr. Gardner provided GIS support for all of Thompson's projects following Hurricane Florence, including the NCDOT, Carteret and Cumberland Counties and the City of Jacksonville. Mr. Gardner also provided geospatial analysis utilizing Thompson's drone capabilities to measure and substantiate disaster debris piles.

Hurricane Irma, Disaster Recovery Operations, State of Florida, 2017 - 2018 | Mr. Gardner provided GIS and data management services during Thompson's state-wide mobilization in response to Hurricane Irma. Thompson conducted debris removal monitoring operations on behalf of 45 unique clients simultaneously within the State. Mr. Gardner was responsible for mapping data points through GIS and providing support to the QA/QC team. Thompson substantiated more than 11.6M cubic yards of debris as a result of Hurricane Irma.

Sevier County, Tennessee, Chimney Tops 2 Wildfire, 2016 - 2018 | Mr. Gardner served as the onsite project manager overseeing debris monitoring services for right-of-way tree removal of standing dead trees as a result of the 2016 wildfires which burned over 17,000 acres and destroyed more than 2,400 properties. In addition, Mr. Gardner administered the private property debris removal program established to eliminate hazardous conditions located on private property.

Dare County and included municipalities, North Carolina, Hurricane Matthew, 2016 | Dare County activated Thompson to provide debris removal monitoring services to the county and local municipalities following Hurricane Matthew. Mr. Gardner assisted with data management and invoice reconciliation.

South Carolina Department of Transportation, Severe Flooding Statewide Response, 2015 - 2016 | The SCDOT activated Thompson to provide debris removal monitoring services in 11 counties throughout the State following severe storms and flooding. Mr. Gardner assisted with data reporting and invoice reconciliation tasks throughout the projects.

Putnam, Fentress and Overton Counties, Tennessee, Severe Winter Storm, 2015 | Mr. Gardner assisted with data reporting and invoice reconciliation tasks throughout the projects. He oversaw the daily review of data for the Counties. All data was submitted to FEMA in a Project Worksheet ready package for immediate review and submission for reimbursement.

South Carolina, Winter Storm Pax Regional Response and Disaster Recovery, 2014 | In February of 2014, Severe Winter Storm Pax impacted the State of South Carolina covering various regions of the State in up to 1.5" of ice which generated widespread vegetative disaster debris. Thompson was activated by the South Carolina Department of Transportation (SCDOT), Georgetown, Marion, Williamsburg, Aiken and Allendale Counties to provide debris removal monitoring services. Mr. Gardner assisted with the data management and invoice reconciliation. Thompson monitored and substantiated reimbursement for the removal of approximately 2,000,000 cubic yards of debris and the removal of 400,000 hazardous limbs and trees.

Brevard County, FL, Hurricane Sandy Beach Renourishment, 2013 - 2014 | Federal funding following Hurricane Sandy provided funding for Beach renourishment on Florida's east coast. While working for Land and Sea Surveying Concepts Inc., Mr. Gardner acted as surveying technician using real-time kinematic GPS to produce 1000 m beach elevation transects before and after sand renourishment.

Environmental Project Experience

Exploration, Habitat Characterization, and Coral Health Assessment in Flower Garden Banks National Marine Sanctuary, 2015 -2016 | Mr. Gardner served as a Research Coordinator at Harbor Branch Oceanographic Institute at Florida Atlantic University. While assisting with this project in the lab, Mr. Gardner used transect photos to characterize habitat on shallow and mesophotic reefs. Field collections

included technical diving to 170 fsw collect live coral tissue for RNA sequencing analyses.

Development of Fisheries Independent, Habitat-Based indices of Abundance for Pre-Reproductive Gag Grouper in the Northeastern Gulf of Mexico, 2013 - 2015 | As a research assistant Mr. Gardner performed counts of gag grouper on artificial reefs using closed-circuit rebreathers. He interpreted and classified side scan SONAR data, constructed sampling regimes, validated and analyzed data for use by resource managers, and created publication quality maps in ArcGIS.

Impact of invertebrate grazers on freshwater algae in Kings Bay, FL, 2013 - 2015 | As a research assistant, Mr. Gardner conducted fieldwork collecting freshwater invertebrate grazers and implemented lab studies to determine grazing rates on freshwater algae.

Reproductive Biology of Invasive Lionfish (Pterois volitans/miles complex) from Little Cayman Island, 2013 - 2014 | Mr. Gardner developed, implemented, and published results determining spawning seasonality, frequency and batch fecundity of invasive lionfish. This project was completed in fulfillment of his master's degree at the University of Florida. (Peer reviewed publication: Gardner PG, Frazer TK, Jacoby CA, Yanong RPE. 2015. Reproductive biology of invasive Lionfish (Pterois volitans) from Little Cayman. *Frontiers in Marine Science* 2:7).

Assessing Organic Soil Amendments in Saltwater Marsh Restoration, 2007 - 2009 | While a student at Eckerd College, Mr. Gardner served as a research assistant working in the field to collect plant biomass, invertebrate, and water samples. In the lab, he performed sulfide analysis, prepared plant biomass for nitrogen analysis, and composed a research paper on the effects of sulfides on wetland plants. In a supervisory role, he trained volunteers and interns for various project tasks.

TRAINING & CERTIFICATIONS

- Federal Aviation Administration Certified Remote Pilot for Small Unmanned Aircraft Systems
- U.S. Environmental Protection Agency Scientific Diver
- NAUI SCUBA Instructor
- Department of the Interior Motorboat Operations Certification Course
- First Aid, CPR, Oxygen Delivery, and Blood Borne Pathogens
- GIS Applications for Natural Resource Management, Florida Sea Grant

Keith Forrester

Project Manager

FIRM

Thompson Consulting Services
2601 Maitland Center Parkway
Maitland, Florida 32751

EDUCATION

BA: Marketing and Management

EXPERIENCE

17 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) | FHWA ER Program

Mr. Forrester has 17 years of experience managing debris monitoring and data management operations throughout the Southeast following some of the largest debris generating natural disaster in recent history. In addition to Right-of-Way (ROW) debris monitoring programs, Mr. Forrester has worked extensively on Leaner, Hanger, and Stump Removal programs in some of the largest parks impacted by debris generating events in the last decade, including programs in Alabama, Arkansas, Missouri, and Texas. Mr. Forrester has extensive knowledge in ADMS hardware, software, and communications infrastructure and has overseen day-to-day ADMS project operations and reporting in recent activations including Hurricanes Isaac and Sandy.

PROJECT EXPERIENCE

Town of Lahaina, Hawaii, Wildfire Disaster Recovery Operations, 2024 – 2025 | Mr. Forrester served as ADMS/Technology Manager for Thompson following devastating wildfires on the Island of Maui. The Town of Lahaina experienced loss of life and widespread damage that necessitated long-term disaster recovery support. During USACE operations, Mr. Forrester managed the field work for the GIS and Data teams during the compilation of aerial imagery along with the construction and maintenance of an online data and mapping hub.

Graves County & City of Mayfield, KY, Kentucky Tornado Recovery Operations 2021 - 2022 | Thompson provided debris removal monitoring services to Graves County, KY under the USACE and was later activated by the City of Mayfield, KY to continue disaster recovery efforts. Mr. Forrester served as Field Supervisor under the USACE and Operation Manager for the City of Mayfield. He oversaw day-to-day operations for all monitoring programs. Overall, Thompson monitored the removal of over 542, 050 cubic yards of debris following the tornados.

City/Parish of East Baton Rouge, Louisiana, Hurricane Ida, Disaster Recovery Operations, 2021 | Mr. Forrester served as the project manager for the City/Parish following Hurricane Ida. The City-Parish suffered widespread damage to due destructive winds and severe flooding. Mr. Forrester was in

charge of overseeing day-to-day operations throughout the City-Parish right-of-way (ROW) debris removal program. Thompson substantiated the removal of over 1 million cubic yards of debris from the City-Parish.

Grant Parish, Louisiana, Hurricane Disaster Debris Removal Monitoring, 2020 - 2021 | Mr. Forrester served as the operations manager overseeing day-to-day debris removal monitoring operations throughout Grant Parish following Hurricane Laura. The Parish performed both hazardous tree and limb removal, right-of-way (ROW) collection programs, and Parish schools debris removal projects. Overall, more than 1.1 million cubic yards of construction, demolition, and vegetative debris have been collected from the Parish.

Volusia County, Florida, Hurricane Irma Recovery, 2017 - 2018 | Mr. Forrester served as the operations manager overseeing day-to-day debris removal monitoring operations throughout Volusia County, Florida. The County performed both hazardous tree and limb removal as well as right-of-way (ROW) collection programs on County maintained roadways.

City/Parish of East Baton Rouge, Louisiana, Severe Flooding, ROW and PPDR Program Management, 2016 - 2017 | Mr. Forrester served as project/operations manager for debris removal monitoring efforts on behalf of the City/Parish. He was in charge of overseeing day-to-day operations for all monitoring programs including right-of-way (ROW) debris removal and an extended ROW Private Property Debris

Removal (PPDR) program. To date over 1.9 million cubic yard of construction and demolition debris have been collected and more than 1,450 applicants participated in the extended ROW PPDR program.

Fentress County, Tennessee, Severe Winter Storm Recovery Operations, 2015 | Mr. Forrester served as the operations manager overseeing day-to-day debris removal monitoring operations throughout Fentress County. The County performed both hazardous tree and limb removal as well as right-of-way (ROW) collection programs on County maintained roadways.

Hurricane Deployment, Hurricane Sandy, New York, 2012 | Mr. Forrester served as an operations manager for debris removal monitoring efforts on behalf of Babylon, New York following Hurricane Sandy. Keith oversaw truck certification, monitor onboarding and badge distribution, right-of-way collection and tree work using ADMS and TDMSweb. Keith performed QA/QC and on-site training for monitors utilizing ADMS handheld devices in the field.

Terrebonne Parish, LA, Hurricane Recovery Operations 2012 | Mr. Forrester served as an operations manager for debris removal monitoring efforts on behalf of Terrebonne Parish following the landfall of Hurricane Irene. He was in charge of overseeing day-to-day operations for all ADMS monitoring projects including handheld deployment, truck certification, monitor intake and badge distribution, emergency road clearance and debris removal operations and right-of-way collection of over 56,000 CY of vegetative and construction and demolition (C&D) debris throughout the affected areas. Mr. Forrester was also responsible for assisting for generating reports on TDMSweb for daily distribution to project stakeholders.

Virginia Department of Transportation (VDOT), Hurricane Recovery Operations, Hurricane Irene, 2011 | Mr. Forrester served as field supervisor overseeing disaster debris removal operations in the several different residencies across the eastern part of Virginia. He was also responsible for the supervision of 5 – 20+ collection monitors daily. In total, the recovery efforts included the collection and removal of over 450,000 cubic yards of debris which was tracked and managed with TDMSweb.

Alabama Department of Conservation and Natural Resources, Tornado Debris Removal Monitoring | The devastating tornados in the spring of 2011 ripped through the State of Alabama and ravaged two of the state parks. Mr. Forrester served as the field project manager to monitor the removal and reduction of thousands of damaged trees in

compliance with FEMA 325 and 327 guidelines. Mr. Forrester managed all tree work documentation with TDMSweb and was responsible for daily distribution of progress maps and project financial reporting.

Arkansas Game and Fish Commission, Ice Storm Debris Removal Monitoring | Mr. Forrester served as a field supervisor on state debris removal program to remove hazardous trees and hanging limbs from State parks and hunting grounds damaged by an ice storm. Mr. Forrester's team monitored debris removal in adverse outdoor conditions and ensured that the Global Position System (GPS) coordinates, electronic photographs, and field documentation were properly maintained to substantiate FEMA Category A reimbursement.

City of Beaumont, TX, Hurricane Debris Removal Monitoring | In 2008, Mr. Forrester served as a field project manager on the City of Beaumont debris monitoring effort. In addition to monitoring, documenting, and substantiating FEMA reimbursement for Right-of-Way vegetative debris removal, Mr. Forrester also managed and monitored the removal of debris fields created by storm surge, as well as inland waterway debris removal and oversight of the leaning tree, hanging limbs, and hazardous stump removal program.

City of Springfield, MO, Ice Storm Debris Removal Monitoring | Following the devastating impact that a large ice storm made on Oklahoma and Missouri, Mr. Forrester served as the field operations manager for the City of Springfield's debris removal monitoring program. Mr. Forrester's field team monitored and documented the removal of over 1,000,000 cubic yards of vegetative storm debris and worked with the City, State, and FEMA to address many unique challenges, including a parks debris, damaged tree, and hanging limb removal program in compliance with newly issued FEMA Disaster Specific Guidance.

Jeff Hollis

Field Operations Supervisor

FIRM

Thompson Consulting Services
2601 Maitland Center Parkway
Maitland, Florida 32751

EXPERIENCE

18 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G) | FHWA ER Program

Mr. Hollis has 18- years of experience supporting and managing debris monitoring operations throughout the United States. He has worked extensively on private property debris removal programs as well as, right-of-way (ROW) debris monitoring, and leaner, hanger, and stump removal programs in some of the largest areas impacted by debris generating events in the last decade.

PROJECT EXPERIENCE

Lakeland, Florida, Hurricane Ian Disaster Recovery Operations, 2022 | Mr. Hollis served as the operations manager overseeing day-to-day debris removal monitoring operations throughout the City of Lakeland following Hurricane Ian. He oversaw all debris removal monitoring operations including right-of-way debris removal and hazardous tree and limb removal. Overall, 117,102 cubic yards of debris was documented and removed from the City.

Terrebonne Parish, Louisiana, Hurricane Ida Disaster Recovery Operations, 2021 | Hurricane Ida was the second most destructive hurricane to make landfall in Louisiana. Mr. Hollis served as the operations manager for Terrebonne Parish. He oversaw all debris removal monitoring operations including right-of-way debris removal and hazardous tree and limb removal. Overall, 2,775,000 cubic yards of debris was documented and removed from the Parish.

Winn Parish, Louisiana, Hurricane Laura Disaster Recovery Operations, 2020 | Mr. Hollis served as the operations manager for Winn Parish following Hurricane Laura. He oversaw all debris removal monitoring operations including right-of-way debris removal and hazardous tree and limb removal. Overall, 149,000 cubic yards of debris was documented and removed from the Parish.

Puerto Rico Department of Transportation and Public Works (DTOP), Hurricane Maria, 2017 - 2018 | Hurricane Maria is regarded as the worst natural disaster on record to impact Puerto Rico. Mr. Hollis served as the operations manager

overseeing day-to-day debris removal monitoring operations from the South DTOP Zone.

City of Santa Fe, Texas, Hurricane Harvey Recovery, 2017 - 2018 | Mr. Hollis served as the operations manager overseeing day-to-day debris removal monitoring operations throughout the City of Santa Fe. The City performed both hazardous tree and limb removal as well as right-of-way (ROW) collection programs on County maintained roadways.

City of St. Augustine, Florida, Hurricane Matthew Recovery Operations, 2016 - 2017 | Mr. Hollis served as the operations manager overseeing day-to-day debris removal monitoring operations throughout the City of St. Augustine following Hurricane Matthew. The City performed both hazardous tree and limb removal as well as right-of-way (ROW) collection programs on City maintained roadways. Thompson documented over 83,000 cubic yards of vegetative debris.

Lumberton, North Carolina, Hurricane Matthew, 2016 - 2017 | Mr. Hollis served as operations manager for debris removal monitoring in Lumberton County, NC following Hurricane Matthew. He oversaw day-to-day operations including up to 35 debris removal monitors ADMS units for right-of-way collection on County maintained roadways. Overall, Thompson substantiated more than 26,000 cubic yards of vegetative debris.

City/Parish of East Baton Rouge, Louisiana, Severe Flooding, ROW and PPDR Program Management, 2016 - 2017 | Mr. Hollis served as a senior field supervisor for debris removal monitoring efforts on behalf of the City/Parish. He assisted in daily field operations for all monitoring programs including

right-of-way (ROW) debris removal and an extended ROW Private Property Debris Removal (PPDR) program. To date over 1.8 million cubic yard of construction and demolition debris have been collected and more than 1,450 applicants participated in the extended ROW PPDR program.

South Carolina Department of Transportation, Horry and Georgetown Counties, South Carolina, Severe Flooding Recovery Operations, 2015 | Mr. Hollis served as operations manager for debris removal monitoring in Horry and Georgetown Counties on behalf of SCDOT following a severe flooding event. He oversaw day-to-day operations for right-of-way collection on SCDOT maintained roadways throughout the Counties.

Allendale County, South Carolina, Winter Storm Pax Recovery Operations, 2014 | Mr. Hollis served as the operations manager for debris removal monitoring operations in Allendale County following Winter Storm Pax. He was in charge of overseeing day-to-day operations for all monitoring projects including emergency road clearance, right-of-way collection, and removal of hazardous leaners, hangers on County maintained roadways. County-wide, nearly 30,000 cubic yards of vegetative debris was collected, temporarily disposed, and burned. In addition, over 6,000 hazardous trees were addressed.

South Carolina Department of Transportation (SCDOT), Winter Storm Pax Recovery Operations, 2014 | Mr. Hollis served as operations manager for the SCDOT debris removal monitoring mission in Dillon County. He was in charge of overseeing day-to-day operations for all monitoring projects including emergency road clearance, right-of-way collection, and removal of hazardous leaners and hangers on SCDOT maintained roadways throughout the County. County-wide, nearly 200,000 cubic yards of vegetative debris was collected, temporarily disposed, and burned.

Harris County, TX, Hurricane Debris Removal Monitoring, 2008 | In 2008, Mr. Hollis served as a field operations manager for the Harris County debris monitoring effort. Mr. Hollis managed a field team responsible for monitoring the removal of over 2,500,000 cubic yards of debris.

City of New Orleans, Louisiana, Demolition Field Manager, 2007-2008 | Mr. Hollis served as a demolition field manager on the City of New Orleans residential demolition program in 2007 and 2008. Mr. Hollis was responsible for ensuring that each FEMA eligible property had been properly condemned, posted, and decommissioned prior to being demolished. In addition, Mr. Hollis was responsible for ensuring that properties containing Asbestos Containing Materials (ACM)

were properly demolished and disposed of at Type I Disposal facilities.

St. Landry Parish, Louisiana, Hurricane Gustav, 2008 | Following the devastating impact that Hurricane Gustav, Mr. Hollis served as the field project manager for the Parish's debris removal monitoring program. Mr. Hollis's field team monitored and documented the removal of eligible storm debris and worked with the Parish, State, and FEMA to address many unique challenges. Parish-wide, nearly 225,000 cubic yards of vegetative and construction and demolition debris was collected.

Escambia County, Florida, Hurricane Debris Disposal Monitoring, 2004 | Mr. Hollis served a field supervisor responsible for overseeing field monitors and ensuring only eligible debris was collected. County-wide, nearly 8,000,000 cubic yards of vegetative and construction and demolition debris was collected.

TRAINING & CERTIFICATIONS

- OSHA 29 CFR 1910.120 40-Hour HAZWOPER Training

Connie Stewart

Field Operations Supervisor

FIRM

Thompson Consulting Services
2601 Maitland Center Parkway
Maitland, Florida 32751

EXPERIENCE

18 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G) | FHWA ER Program

Ms. Stewart has 18 years of experience supporting and managing debris monitoring operations throughout the United States. She has worked extensively on private property debris removal programs as well as, right-of-way (ROW) debris monitoring, and leaner, hanger, and stump removal programs in some of the largest areas impacted by debris generating events in the last decade.

PROJECT EXPERIENCE

Lee County, Florida, Hurricane Ian, Disaster Recovery Operations, 2022 – 2023 | Ms. Stewart served as the operations manager for Lee County following the devastating impacts of Hurricane Ian. She oversaw debris removal operations such as right-of-way (ROW) debris removal programs and hazardous tree/limb removal on County maintained roadways. Overall, Thompson monitored the removal of more than 5.7M cubic yards of debris from the County.

Alabama Department of Transportation (ALDOT), Hurricane Sally Disaster Recovery Operations, 2020 - 2021 | Hurricane Sally inundated the Gulf Coast with heavy rains and destructive winds causing a large amount devastating debris. Ms. Stewart served as the operations manager for ALDOT and oversaw debris removal operations such as right-of-way (ROW) debris removal programs and hazardous tree/limb removal on ALDOT maintained roadways. Overall, more than 2.4M cubic yards of debris was monitored, collected, and removed.

Jackson County, Florida, Hurricane Michael, 2018 - 2019 | Ms. Stewart served as the operations manager overseeing day-to-day debris removal monitoring operations throughout the County following Hurricane Michael. The County performed right-of-way (ROW) debris removal programs, hazardous tree, limb and stump removal, and County parks debris removal projects. Thompson substantiated more than 120,000 cubic yards of debris.

Carteret County, North Carolina, Hurricane Florence, 2018 - 2019 | Following the landfall of Hurricane Florence, Carteret

County experienced pervasive damage and extensive flooding. Ms. Stewart served as operations manager overseeing debris removal monitoring operations including right-of-way (ROW) debris monitoring, and leaner, hanger, and stump removal throughout the County. Overall, approximately 1.5 million cubic yards of debris was removed from the County.

Puerto Rico Department of Transportation and Public Works (DTOP), Hurricane Maria, 2017 - 2018 | Hurricane Maria is regarded as the worst natural disaster on record to impact Puerto Rico. Ms. Stewart served as the project coordinator overseeing day-to-day personnel management for various debris programs.

Lee County, Florida, Hurricane Irma Recovery, 2017 - 2018 | Ms. Stewart served as the operations manager overseeing day-to-day debris removal monitoring operations throughout the Lee County, including the City of Fort Myers and the Town of Fort Myers Beach. The County performed both hazardous tree and limb removal, right-of-way (ROW) and waterway collection programs on County maintained roadways/waterways. Overall, Thompson substantiated more than 2.4 million cubic yards of vegetative debris.

City of Ormond Beach, Florida, Hurricane Matthew Recovery Operations, 2016 - 2017 | Ms. Stewart served as the operations manager overseeing day-to-day debris removal monitoring operations throughout the City of Ormond Beach following Hurricane Matthew. The City performed both hazardous tree and limb removal as well as right-of-way (ROW) collection programs on City maintained roadways.

Sumter County and City of Sumter, SC, Winter Storm Pax, 2014 | Ms. Stewart served as a project manager and oversaw debris removal monitoring project operations from project inception to closing the local field office. Duties also included hiring, training and managing field supervisors and field monitors.

New York Department of Transportation, Hurricane Sandy, 2012 – 2013 | Ms. Stewart served as a project data manager and disposal site supervisor. Her responsibilities included overseeing a crew of oil recovery technicians along the shoreline and barrier islands of the Mississippi coast line.

US Army Corp of Engineers, New Orleans, LA, Levee Restoration, 2010- 2011 | Ms. Stewart operated heavy equipment, including trackhoes, dozers and off-road dump trucks in removing and stockpiling clay for the USACE Levee Restoration Mission. In addition, Ms. Stewart served as the site Safety Officer.

Decon Facility, Pascagoula, MS, BP Deep-water Horizon Oil Spill Response, 2010 | Ms. Stewart served as a project manager overseeing a crew of oil recovery technicians along the shoreline and barrier islands of the Mississippi coast line.

Galveston County, TX, Hurricane Debris Removal Monitoring, 2008 | In 2008, Ms. Stewart served as a field operation manager for the Galveston County debris monitoring effort. Ms. Stewart managed a field team responsible for monitoring the removal of debris from the Bolivar Peninsula off of Galveston County.

St. Landry Parish, LA, Hurricane Debris Removal Monitoring, 2008 | Ms. Stewart served as a field operation manager for St. Landry Parish following Hurricane Gustav. Ms. Stewart was responsible for the hiring, training and management of field debris monitors overseeing right-of-way and leaner and hanger debris removal programs.

Norman, Oklahoma, Ice Storm Deployment, 2007 - 2008 | Following a crippling ice storm in Norman, Oklahoma in 2008, Ms. Stewart served as a field supervisor overseeing daily activities of a group of debris removal monitors and ensured project compliance.

Monroe County, Florida, Hurricane Wilma, Waterway Debris Removal 2006 | Ms. Stewart was responsible for hiring, training and managing field monitors to document waterway debris removal and derelict vessel removal programs throughout the Florida Keys. In addition, Ms. Stewart performed canal surveys identifying debris posing potential navigational hazards.

City of Gulfport, MS, Hurricane Katrina, 2005-2006 | Ms. Stewart was responsible for hiring, training and managing field monitors to document a variety of debris removal programs including, right-of-way, saltwater kill tree removal, private property debris removal, hazardous leaning tree and hanging limb removal, and abandoned storm damaged car and boat removal. She also oversaw a special program to provide temporary fencing around swimming pools.

TRAINING & CERTIFICATIONS

- FEMA Professional Development Series (consists of 7 different courses)
- FEMA IS-00005.A An Introduction to Hazardous Materials
- FEMA IS-00100.B Introduction to Incident Command Systems ICS-100
- FEMA IS-00340 Hazardous Materials Prevention
- FEMA IS-631 Public Assistance Operations 1
- FEMA IS-00632.A Introduction to Debris Operations
- FEMA IS-00634 Introduction to FEMA’s Public Assistance Program
- FEMA IS-00700.A National Incident Management System (NIMS) An Introduction
- FEMA IS-00703.A NIMS Resource Management
- FEMA IS-00704 NIMS Communications and Information Management
- FEMA IS-00800.B Nation Response Framework, An Introduction
- FEMA IS-00805 Emergency Support Function (ESF) #5 Emergency Management
- FEMA IS-00810 Emergency Support Function (ESF) #10 Oil and Hazardous Materials Response
- OSHA 16 Hour Course #7600 Disaster Site Worker
- OSHA 40 Hour HAZWOPER + 8 Hour Refresher to Stay Current
- OSHA 10 Hour Construction Safety and Health
- OSHA 30 Hour Construction Safety and Health
- OSHA 510 – Construction Safety and Health
- OSHA 500 – Authorized Construction Safety and Health Instructor
- TWIC Card
- Class D CDL

Raul Cardenas

Field Operations Supervisor

FIRM

Thompson Consulting Services
2601 Maitland Center Parkway
Maitland, Florida 32751

EDUCATION

BA: Political Science
MA: Liberal Studies – Political Theory

EXPERIENCE

18 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G) | FHWA ER Program

Mr. Cardenas has 18 years of experience supporting and managing debris monitoring operations throughout the United States. He has worked extensively on private property debris removal programs as well as, right-of-way (ROW) debris monitoring, and leaner, hanger, and stump removal programs in some of the largest areas impacted by debris generating events in the last decade.

PROJECT EXPERIENCE

New Mexico Department of Transportation, New Mexico Wildfires Disaster Recovery Operation, 2022 - 2023 | New Mexico Wildfires suffered devastating impacts from a series of wildfires making their way through the State burning more than 904,422 acres of land. Mr. Cardenas served as the operations manager for NMDOT and monitored all debris removal operations. Thompson has monitored the removal of over 49,522 tons of debris from NMDOT maintained roadways.

LADOTD District 62, Georgia, Hurricane Ida Recovery Operations, 2021 – 2021 | Mr. Cardenas served as the project manager for debris removal monitoring operations on behalf of the LADOT following Hurricane Ida. Mr. Cardenas oversaw day-to-day operations of the extensive right-of-way (ROW) and hazardous tree and limb removal programs. Overall, Thompson substantiated the removal of over 2 million cubic yards of vegetative debris.

City of Mobile, Alabama, Hurricane Sally Disaster Recovery Operation, 2020 - 2021 | Hurricane Sally inundated the Gulf Coast with heavy rains and damaging winds causing large amount of disaster debris. Mr. Cardenas served as the operations manager for the City and monitored all debris removal operations including right-of-way (ROW) removal projects and hazardous tree and limb removal projects. Overall, Thompson monitored the removal of over 848,000 cubic yards of debris from the City.

Aransas County, Texas, Hurricane Harvey Recovery Operations, 2017 – 2018 | Mr. Cardenas served as the project operations manager for debris removal monitoring services on

behalf of Aransas County following Hurricane Harvey. Mr. Cardenas oversaw day-to-day operations of the extensive right-of-way (ROW), parks, and private property debris removal (PPDR) programs. Thompson substantiated the removal of over 2.8 million cubic yards of vegetative debris.

Chatham County, Georgia, Hurricane Matthew Recovery Operations, 2016 – 2017 | Mr. Cardenas served as senior operations manager for debris removal monitoring services on behalf of Chatham County following Hurricane Matthew. Mr. Cardenas oversaw day-to-day operations of the extensive right-of-way (ROW), hazardous tree and limb, and private property debris removal (PPDR) programs. Thompson substantiated the removal of over 1,400,000 cubic yards of vegetative debris.

City/Parish of East Baton Rouge, Louisiana, Severe Flooding, ROW and PPDR Program Management, 2016 - 2017 | Mr. Cardenas served as a senior field supervisor for debris removal monitoring efforts on behalf of the City/Parish. He assisted in daily field operations for all monitoring programs including right-of-way (ROW) debris removal and an extended ROW Private Property Debris Removal (PPDR) program. To date over 1.8 million cubic yard of construction and demolition debris have been collected and more than 1,450 applicants participated in the extended ROW PPDR program.

South Carolina Department of Transportation, Dorchester and Berkeley Counties, South Carolina, Severe Flooding Recovery, 2015 | Mr. Cardenas served as operations manager for debris removal monitoring in Dorchester and Berkeley Counties on behalf of SCDOT following a severe flooding event.

He oversaw day-to-day operations for right-of-way collection on SCDOT maintained roadways throughout the Counties.

South Carolina Department of Transportation (SCDOT), Winter Storm Pax Recovery Operations, 2014 | Mr. Cardenas served as the operations manager for the SCDOT debris removal monitoring mission in Marion County. He was in charge of overseeing day-to-day operations for all monitoring projects including emergency road clearance, right-of-way collection, and removal of hazardous leaners and hangers on SCDOT maintained roadways throughout the County. County-wide, nearly 500,000 cubic yards of vegetative debris was collected, temporarily disposed, and burned. In addition, nearly 45,500 hazardous trees were addressed.

Marion County, South Carolina, Winter Storm Pax Recovery Operations, 2014 | Mr. Cardenas served as the operations manager for debris removal monitoring operations in Marion County. He was in charge of overseeing day-to-day operations for all monitoring projects including emergency road clearance, right-of-way collection, and removal of hazardous leaners, hangers on County maintained roadways.

Virginia Department of Transportation (VDOT), Hurricane Irene Recovery Operations, 2011 | Mr. Cardenas served as field supervisor overseeing disaster debris removal operations in the Richmond and Fredericksburg VDOT Districts which included six different residencies across the eastern part of state. The recovery efforts included the collection and removal of over 450,000 cubic yards of debris.

MEMA, Hurricane Deployment, Hurricane Katrina, 2005-2007 | Mr. Cardenas worked as part of a disaster recovery team contracted by MEMA following Hurricane Katrina. The team was responsible for conducting damage assessments, reviewing Right-off-Way collection and disposal operations and the permitting of temporary debris sites. In addition, Mr. Cardenas would review leaner and hanger debris removal programs, private property debris removal programs, and other specialized debris removal programs performed by local governments and the United States Army Corps of Engineers to closely monitor compliance, eligibility, and proper documentation.

South Florida, Hurricane Deployment, Hurricanes Charley, Frances and Jeanne, 2004-2005 | Mr. Cardenas was a part of a response team to provide immediate on-site assistance and a wide range of disaster recovery management and storm debris clean-up monitoring services to aid multiple South Florida communities in making a quick recovery. Mr. Cardenas was assigned to multiple municipalities in Broward County, where he oversaw collection and disposal operations

performed at County Debris Management Sites. In addition, Mr. Cardenas provided Quality Assurance/Quality control over municipal debris being disposed of and reduced at County Temporary Debris Management Sites.

TRAINING & CERTIFICATIONS

- OSHA 29 CFR 1910.120 40-Hour HAZWOPER Training
- OSHA 29 CFR 1910.120 8-Hour Refresher Trainings
- National Safety Council Defensive Driving Training
- TSCA Title II 24-Hour Asbestos Inspection and Assessment Training
- FEMA IS 700a. – National Incident Management System, An Introduction

Erik Nobs

Subject Matter Expert / Board Certified Master Arborist

FIRM

Thompson Consulting Services
2601 Maitland Center Parkway
Maitland, Florida 32751

EXPERIENCE

12 years

PROGRAM EXPERIENCE

FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G) | FHWA ER Program

Mr. Nobs' areas of expertise include Incident Command/emergency response and recovery, logistics and operational management and program development, specializing in hazardous tree program management. He ensures assessment operations and tree removal operations fall within Federal funding compliance, American National Standards, OSHA and follows BMPS as well as Federal, State and local ordinances across the US. Working on fire recovery projects in California, Florida and New Mexico. He has consulted to ensure there is compliance with Forest Practice Rules (FPRs), Migratory and Endangered Species act requirements, California Environmental Quality Act (CEQA), the Clean Water Act, Coastal Commission rules, NEPA, EHP Federal and State compliance requirements and US and State Departments of Fish and Wildlife requirements. Mr. Nobs' subject matter expertise being a Board-Certified Master Arborist and as a Debris Removal lead has lent its hand in developing training materials and programs including Standard Operating Procedures for tree assessment protocols while leading and managing ISA Certified Arborists, California Registered Professional Foresters and multi-disciplined scientists and assessment technicians.

PROJECT EXPERIENCE

Hermits Peak/Calf Canyon Fire, New Mexico, Hazardous Tree Assessment and Removal & Debris Removal, 2022 - 2023 |

Mr. Nobs served as Subject Matter Expert/Lead Arborist for hazard tree assessment and removal and debris removal operations for NMDOT ROW, County ROW and Private Property, encompassing multi-discipline operations for San Miguel and Mora County. Over 75,000k trees were assessed for risk and over 16,000 were cut and harvested to date in accordance with New Mexico Forest Practices Rules, and EHP compliance. Mr. Nobs managed 6 arborist crews, 5 Site assessment crews and coordinated with Local, State and Federal agencies to ensure environmental compliance, historical compliance and grant compliance. Additionally, he coordinated operational and logistical movements with contractors for tree and debris removal operations.

Sanibel & Captiva Island, Florida, Hurricane Ian Standing Dead Tree Program for Assessment and Removal, 2023 |

Mr. Nobs served as Subject Matter Expert/Lead Arborist for hazard tree assessments and removal and for a standing dead tree program due to wind damage and saltwater intrusion. Over 4,500k trees were assessed for risk and over 2,000 were

removed. Mr. Nobs performed client coordination, environmental coordination, and quality control of assessment teams.

CalRecycle, California, Fire Hazard Tree Assessment and Hazard Tree Removal Project, 2020 - 2021 |

Mr. Nobs served as Project Manager for hazardous tree assessment and removal project encompassing multi-discipline operations for 5 counties and Big Basin State Parks during the 2020 fire recovery. Over 150,000 trees were assessed for risk and over 25,000 were cut and harvested in accordance with California Forestry Practices Rules, California Environmental Quality Act, Coastal Commission rules, the Clean Water Act, and the California Department of Fish and Wildlife. Mr. Nobs managed 25 arborist crews, 42 biologist crews, and 10 environmental crews' scientists to ensure environmental compliance, and he provided contractor oversight.

Gadsden County, Florida, Hurricane Michael Recovery Operations, 2018 |

Mr. Nobs served as Project Manager for 120-day disaster debris removal mission. He managed field operations of all production efforts of 60 personnel performing road clearing activities for 14 days and then transitioned to hazardous tree and debris mitigation in

Gadsden County, Florida. Mr. Nobs oversaw the clearing of over 273,000 cubic yards of vegetative debris and mitigated 23,000 hazardous trees. Additionally, he managed the logistics, financials, and all field operations from mobilization to demobilization. This included over 40 pieces of equipment, employee lodging, fuel, temporary power and all other resources.

Pinellas County, Florida, Hurricane Irma Disaster Recovery Operations, 2017 | Mr. Nobs served as Project Manager for a 90-day debris removal mission following Hurricane Irma. He managed field operations of all production efforts of 30 personnel and coordinated recovery efforts with Pinellas County, Florida and multiple incorporated cities within Pinellas County, Florida. In addition, Mr. Nobs supported and coordinated 15 personnel for vegetation removal and hazard tree mitigation. He directly supervised crews who cleared over 327,000 cubic yards of vegetation from roads and right of ways. Mr. Nobs also closed out the project and oversaw all demobilization activities in coordination with the municipalities and prime contractor.

Volusia County, Florida, Hurricane Matthew Recovery Operations, 2016 | Mr. Nobs served as Project Manager for a 55-day debris removal mission on behalf of Volusia County. He managed field operations of all production efforts of 20 personnel following Hurricane Matthew. Mr. Nobs managed logistics, equipment, financials and operations for the removal of over 171,000 cubic yards of vegetative debris and mitigated 5,500 hazardous trees.

State of Florida, Consulting Services & Storm Operations Management, 2012 - 2020 | Mr. Nobs managed day-to-day operations for technical arboricultural operations. He co-developed training programs for production personnel and acted as foreman for tree operations as needed. He developed and performed all arboricultural consulting services for new development projects, legal mitigation, dispute management projects, tree risk assessments, tree appraisals and all technical reports in the State of Florida.

- Incident Command System – ICS 100, 120, 200, 300, 700, 800
- OSHA 1910.120 40-Hour HAZWOPER
- OSHA 30-Hour Construction
- ISA Wildfire Risk Reduction Qualification
- Lean Six Sigma Green Belt
- NWCG, S-190

TRAINING & CERTIFICATIONS

- ISA Board Certified Master Arborist
- ASCA Tree and Plant Appraisal Qualification
- ISA Tree Risk Assessment Qualification
- FNGLA Florida Commercial Horticulture Professional
- FL DEP Professional Mangrove Trimmer
- FL DEP Green Industry Best Management Practices

SECTION 8

Exceptions & Addenda

In accordance with the solicitation requirements, Thompson has completed a review of the City's procurement portal for any addenda. No addenda related to this solicitation were made available at time of submission.

Further, Thompson has reviewed the County's specifications and scope of work and does not have any exceptions to request at this time.

SECTION 9

Fee Proposal

As requested, Thompson has provided a proposed Fee Proposal structure as a separate upload within the City's online bid system.

SECTION 10

Additional Information

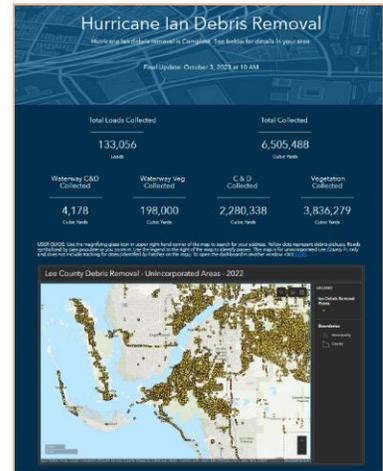
Innovative Techniques

Thompson has developed innovative techniques to increase project efficiency and reduce program costs. The following case studies highlight some of the programs that Thompson has developed and applied innovative techniques and technology. Many of these service techniques could be instrumental in the City's recovery.

Lee County, Florida | Project Transparency & Public Communication

As part of Hurricane Ian recovery efforts, Lee County wanted to provide a public facing website to update residents on recovery progress. Working closely with the County, Thompson provided data and mapping information that was displayed through a public dashboard hosted by the County and available to citizens online and through mobile devices.

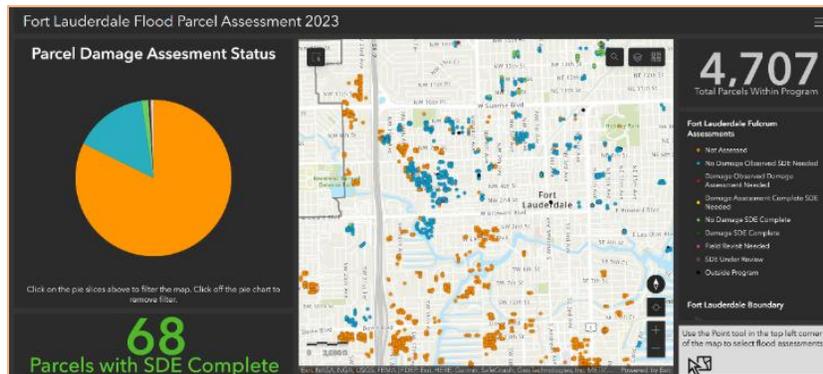
- Thompson Leveraged ESRI's suite of products to develop a Hub Site that consolidated web resources to support public outreach and communications.
- Data connections can be made from both within and outside the ESRI suite of data collection tools. Other organizations' data can also be added to this one site.



City of Fort Lauderdale, Florida | FEMA Substantial Damage Assessments

Thompson assisted the City with their recent National Flood Insurance Program (NFIP) substantial damage estimates of structures within FEMA Special Flood Hazard Areas (SFHA).

Thompson was able to utilize a variety of data sources to reduce the required assessments from 89,073 structures within FEMA SFHA to 4,700 structures. Additionally, Thompson created a FEMA SDE compliant custom assessment tool that can work offline and is interoperable on Android and Apple devices which allowed project stakeholders to understand progress by providing the ability to zoom in on property-level detail, adjust interactive filters, and determine completion in clear roll-up counts.



Mitigating Operational Risks

Thompson has drawn on years of experience performing disaster debris removal monitoring services and has incorporated best-practices in mitigating a variety of risks associated with these services. Thompson invests considerable resources in technologies to support efficient debris removal monitoring including the Thompson Data Management Suite (TDMS) a critical component to ensuring quality data captured for reimbursement by FEMA. Section 5, Requirements, details how we utilize TDMS to capture, review, and present quality data in a FEMA audit-ready format.

Data Redundancy, Security and Accessibility

Redundancy

Thompson utilizes the latest technologies and scalable enterprise relational database management systems (RDMS) for data management. All production databases reside on Thompson owned, dedicated, and collocated servers in a Tier 3 data center that provides redundant power, space and internet connectivity.

Field level data collection with TDMS units are stored with Extensible Markup Language (XML) and stored in multiple locations on the localized device, middle tier servers, web servers and database servers. Middle tier processes control the batch level processing of the XML transactions with full rollback capabilities. The relational databases contain Globally Unique Identifiers (GUID) for all database table primary keys and foreign keys in a normalization concept of fourth normal form (4NF), adhering to the highest professional data standards.

Security

Thompson takes a proactive approach to ADMS management by utilizing real time analytics in the field. Software is utilized on tablets that manage staff, truck and disposal site locations while analyzing real time trip times, departures, and productivity. Operational analytic reports are used throughout daily operations to identify possible outliers for investigation.

In the event an ADMS unit is compromised, all load tickets for that day are immediately marked as ineligible and transferred to an investigation queue for review. Investigations typically will span 7 – 14 days of tickets in search of anomalies or fraud by desktop audit and then progressing to a field audit, depending upon findings. All findings are presented to the Contractor and City for review and can be disputed and re-evaluated by either party.

Accessibility

Thompson provides access to *TDMSportal* which houses all information related to a project in a user-friendly web interface (not just an FTP file share type site). *TDMSportal* contains real time access to all field data as well as project maps, reports, invoices, and other administrative functions. All data can be downloaded in excel or as a zipped package (include excel exports, ticket image PDFs, photographs, etc.). *TDMSportal* has been developed specifically with the end goal of easily exporting all FEMA Project Worksheet related documents from a single source following the completion of the removal operations.

EXHIBIT B

FEE PROPOSAL

City of Olathe, Kansas

RFP # 25-0070 -- Debris Monitoring Services

Thompson has invested considerable resources in order to improve the efficiency of our administrative and accounting services, as well as our training and logistics operations. In turn, we pass on these efficiencies to our clients in the form of cost savings and no-cost services. We understand the importance of minimizing costs and as such will not charge the City for positions that are duplicative in nature or unnecessary to perform the scope of services requested.

We are pleased to provide the City with the following positions and hourly rates to provide debris monitoring services. The proposed rate schedule includes positions and rates to fulfill a broad and comprehensive scope of services. The City will only be charged for hours of service furnished as authorized by task order. All services should be considered as needed/as directed.

Table 1: Debris Monitoring Services Hourly Rates

| Positions | Hourly Rate | Overtime Hourly Rate |
|---|-------------|-------------------------|
| 1. Project Manager | \$ 68.88 | \$ 68.88 |
| 2. Debris Monitor Supervisor | \$ 38.50 | \$ 57.75 |
| 3. Debris Monitors (Cut/Loading Site/Disposal Site) | \$ 28.50 | \$ 42.75 |
| 4. Data/GIS/Billing Manager | \$ 55.00 | \$ 55.00 |
| 5. Automated Debris Management System (HHU/Hour)* | \$ 5.50 | \$ 5.50 |

* Charge applies to positions that require the use of an ADMS handheld device and hip printer.

EXHIBIT C
CITY OF OLATHE INSURANCE REQUIREMENTS

A. Insurance. Consultant agrees to secure and maintain throughout the duration of this Agreement insurance of such types and in at least such amounts as set forth below from a Kansas authorized insurance company which carries a Best's Policyholder rating of "A-" or better and carries at least a Class "VII" financial rating or better, unless otherwise agreed to by City:

1. **Commercial General Liability:** City must be listed by ISO endorsement or its equivalent as an additional insured on a primary and noncontributory basis on any commercial general liability policy of insurance. The insurance must apply separately to each insured against whom claim is made or suit is brought, subject to the limits of liability.

Limits: Per Occurrence, including Personal & Advertising Injury and Products/Completed Operations: \$1,000,000; General Aggregate: \$2,000,000.

2. **Business Automobile Insurance:** City must be listed by ISO endorsement or its equivalent as an additional insured on a primary and noncontributory basis on any automobile policy of insurance. The insurance must apply separately to each insured against whom claim is made or suit is brought, subject to the limits of liability.

Limits: Any Auto; OR All Owned Autos; Hired Autos; and Non-Owned Autos: Per occurrence, combined single limit: \$500,000

Notwithstanding the foregoing, if Consultant does not own any automobiles, then Consultant must maintain Hired and Non-Owned Auto insurance.

3. **Worker's Compensation and Employer's Liability:** Workers compensation insurance must protect Consultant against all claims under applicable state Worker's Compensation laws at the statutory limits, and employer's liability with the following limits.

Limits: \$500,000 Each Accident/\$500,000 Policy Limit/\$500,000 Each Employee

4. **Professional Liability:** Consultant must maintain throughout the duration of this Agreement and for a period of three (3) years after the termination of this Agreement, Professional Liability Insurance.

Limits: Each Claim: \$1,000,000; General Aggregate: \$1,000,000

5. **Cyber Insurance:** If Consultant will have access to the City's network or City's data, Consultant must maintain throughout the duration of this Agreement and for a period of three (3) years after the termination of this Agreement. Coverage must include: Cyber Incident/Breach Response and Remediation Expenses, Digital Data Recovery, Privacy and Network Security Liability, and Notification Expense.

Limits: Per claim, each insuring agreement: \$1,000,000; Aggregate: \$1,000,000

B. Exposure Limits. The above are minimum acceptable coverage limits and do not infer or place a limit on the liability of Consultant nor has City assessed the risk that may be applicable to Consultant. Consultant must assess its own risks and if it deems appropriate and/or prudent maintain higher limits and/or broader coverage. The Consultant's insurance

must be primary, and any insurance or self-insurance maintained by the City will not contribute to, or substitute for, the coverage maintained by Consultant.

C. Costs. The cost of insurance will be included in the Consultant's bid or proposal and must be at Consultant's expense. Any and all deductibles or self-insurance in the above described coverages will be the responsibility and at the sole risk of the Consultant.

D. Verification of Coverage

1. Consultant must provide a certificate of insurance on ISO form or equivalent including all requirements listed herein. City uses the myCOI platform for submission and review of certificates of insurance and related documentation. Consultant must provide any information needed to register on the platform and submit certificates of insurance and related documentation through the platform
2. Any self-insurance must be approved in advance by the City and specified on the certificate of insurance. Additionally, when self-insured, the name, address, and telephone number of the claim's office must be noted on the certificate or attached in a separate document.
3. When any of the insurance coverages are required to remain in force after final payment, additional certificates with appropriate endorsements evidencing continuation of such coverage must be submitted along with the application for final payment.
4. For cyber insurance, the certificate of insurance confirming the required protection must confirm the required coverages in the "Additional Comments" section or provide a copy of the declarations page confirming the details of the cyber insurance policy.

E. Cancellation. No required coverage may be suspended, voided, or canceled, except after Consultant has provided thirty (30) days' advance written notice to the City.

F. Subconsultant's Insurance: If a part of this Agreement is to be sublet, Consultant must either cover all subconsultants under its insurance policies; OR require each subconsultant not so covered to meet the standards stated herein.

Attachment 1 Federal Contract Provision

1. HEADINGS

The headings included in this Contract are inserted only as a matter of convenience and for reference, and in no way define, limit or describe the scope of intent of any provision, and shall not be construed to affect, in any manner, the terms and provisions hereof of the interpretation or construction thereof.

2. ASSIGNMENT

The Contractor shall not assign any interest in this Contract and shall not transfer any interest in the same (whether by assignment or novation), without the prior written consent of The City of Olathe. In the event of City's consent to assignment of this Contract, all of the terms, provisions and conditions of the Contract shall be binding upon and inure to the benefit of the parties and their respective successors, assigns and legal representative.

3. CHANGES

The City of Olathe may at any time, by a written order, make changes within the general scope of this Contract. No such changes shall be made by the Contractor without prior written approval by the City of Olathe. If any such change causes an increase or decrease in the Contract sum, or the time required for performance of this Contract, whether changed or not changed by such order, an equitable adjustment shall be made by written modification. Any Contractors' claim for adjustment under this clause must be asserted within 30 days from the date of receipt by the Contractor of the notification of change. Nothing in this clause shall excuse the Contractor from proceeding with the Contract as changed.

4. CHANGES TO FEDERAL REQUIREMENTS

Contractor shall at all times be aware and comply with all applicable Federal Emergency Management Agency regulations, policies, procedures and directives, including without limitation, those listed directly or by reference in the Agreement between the City and Robert T. Stafford Disaster Relief and Emergency Assistance Act ("Stafford Act") as they may be amended or promulgated from time to time during the term of this Contract. Contractors' failure to so comply shall constitute a material breach of this Contract. Contractor agrees to include this clause in all subcontracts at any tier. It is further agreed that the clause shall not be modified, except to identify the subcontractors who will be subject to its provisions.

5. CIVIL RIGHTS

- A. **Nondiscrimination.** In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. § 2000e, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, section 202 of the Americans with Disabilities Act of 1990, 42 U.S.C. § 12132, the Contractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, age, sex, sexual orientation, gender identity, national origin or disability. In addition, the Contractor agrees to comply with applicable Federal implementing regulations and other implementing regulations that the Federal Emergency Management Agency (FEMA) may issue.
- B. **Equal Employment Opportunity.** The following equal employment opportunity requirements apply to this Contract:
 - a. Race, Color, Creed, National Origin or Sex. In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. §2000e, *et seq.*, the Contractor agrees to comply with all applicable equal opportunity requirements of the U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor" 41 C.F.R. Parts 60 *et seq.*, (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of the Contract. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, creed, age, sex, sexual orientation, gender identity or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements FEMA may issue.

- b. Age. In accordance with the Age Discrimination in Employment Act, 29 U.S.C. §§ 621-634, U.S. Equal Employment Opportunity Commission (U.S.EEOC) regulations, "Age Discrimination in Employment Act," 29 C.F.R. part 1625, the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6101 *et seq.*, and U. S. Department of Health and Human Services regulations, "Nondiscrimination on the Basis of Age in Programs or Activities Receiving Federal Financial Assistance," 45 C.F. R. part 90, and Federal transit law at 49 U.S.C. §5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements FEMA may issue.
 - c. Disabilities. In accordance with section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. § 794, the Americans with Disabilities Act of 1990, as amended, 42 U.S.C. §12102 *et seq.*, the Architectural Barriers Act of 1968, as amended, 42 U.S.C. § 4151 *et eq.*, and the Federal transit law at 49 U.S.C. § 5332, the Contractor agrees that it will not discriminate against individuals on the basis of disability. In addition, the Contractor agrees to comply with any implementing requirements FEMA may issue.
- C. Contractor understands that it is required to include this Article in all subcontracts. Failure by the Contractor to carry out these requirements or to include these requirements in any subcontract is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as the City deems appropriate, including but not limited to withholding monthly progress payments and/or disqualifying the Contractor from future bidding as non-responsible.

6. DEBARMENT AND SUSPENSION CERTIFICATION

- A. The Contractor shall comply and facilitate compliance with U.S. Department of Homeland Security (DHS) regulations "Nonprocurement Suspension and Debarment," 2 C.F.R. Part 1200, which adopts and supplements the U.S. Office of Management and Budget & U.S. OMB "Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," 2 C.F.R. part 180.
- B. The Contractor, its principals and any affiliates, shall certify that it is not included in the "U.S. General Services Administration's List of Parties Excluded from Federal Procurement or Non-procurement Programs," as defined at 49 CFR Part 29, Subpart C.
- C. The Contractor agrees to refrain from awarding any subcontract of any amount (at any tier) to a debarred or suspended subcontractor, and to obtain a similar certification from any subcontractor (at any tier) seeking a contract exceeding \$25,000.
- D. The Contractor agrees to provide City a copy of each conditioned debarment or suspension certification provided by a prospective subcontractor at any tier, and to refrain from awarding a subcontract with any party that has submitted a conditioned debarment or suspension certification until FEMA approval is obtained.

7. DISADVANTAGED BUSINESS ENTERPRISE (DBE)

- A. It is the policy of City and the United States Department of Homeland Security (USDHS) that Disadvantaged Business Enterprises (DBE's), as defined herein and in the Federal regulations published as 49 CFR Part 26, shall have an equal opportunity to participate in in DHS-assisted contracts. It is also the policy of City to:
 - a. Ensure nondiscrimination in the award and administration of DHS-assisted contracts;
 - b. Create a level playing field on which DBE's can compete fairly for DHS-assisted contracts;
 - c. Ensure that the DBE program is narrowly tailored in accordance with applicable law;
 - d. Ensure that only firms that fully meet 49 CFR Part 26 eligibility are permitted to participate as DBE's;
 - e. Help remove barriers to the participation of DBE's in DHS assisted contracts;
 - f. To promote the use of DBE's in all types of federally assisted contracts and procurement activities; and
 - g. Assist in the development of firms that can compete successfully in the marketplace outside the DBE program.
- B. This Contract is subject to the requirements of Title 49, Code of Federal Regulations, Part 26, Participation by Disadvantaged Business Enterprises in Department of Homeland Security FEMA Public Assistance Programs. The national goal for participation of Disadvantaged Business Enterprises (DBE's) is 10 percent. There has been no DBE goals established for this solicitation.
- C. The Contractor shall not discriminate on the basis of race, color national origin, or sex in the performance of this Contract. The Contractor shall carry out applicable requirements of 49 CFR. Part 26 in the award and administration of this DHS-assisted contract. Failure by the Contractor to carry out these requirements

is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as City deems appropriate. Each subcontract the Contractor signs with a subcontractor must include the assurance in this paragraph (see 49 C.F.R. 26.13(b)).

- D. The Contractor may not substitute, remove or terminate a DBE subcontractor without City's prior written consent. Written consent of termination may only be given if the Contractor has demonstrated good cause. Before submitting its request to terminate or substitute a DBE subcontractor, the Prime Contractor must give notice in writing to the DBE subcontractor, with a copy to City, of its intent to request to terminate and/or substitute, and the reason for the request. The Contractor must give the DBE five days to respond to the Contractor's notice and advise City and the Contractor of the reasons, if any, why it objects to the proposed termination of its subcontract and why City should not approve the Contractor's action. If required in a particular case as a matter of public necessity (e.g., safety), the response period may be shortened.
- a. Good Cause. Good cause includes the following circumstances:
- i. The listed DBE subcontractor fails or refuses to execute a written contract; or
 - ii. The listed DBE subcontractor fails or refuses to perform the work to its normal industry standards. Provided, however, that the good cause does not exist if the failure or refusal of the DBE subcontractor to perform its work on the subcontract results from the bad faith or discriminatory action of the Prime Contractor; or
 - iii. The listed DBE subcontractor fails or refuses to meet the Prime Contractor's reasonable, nondiscriminatory bond requirements; or
 - iv. The listed DBE subcontractor becomes bankrupt, insolvent, or exhibits credit unworthiness; or
 - v. The listed DBE subcontractor is ineligible to work on Parks & Recreation projects because of suspension and debarment proceedings pursuant to 2 CFR Parts 180, 215 and 1200 or applicable state law; or
 - vi. The DBE subcontractor is not a responsible contractor; or
 - vii. The listed DBE subcontractor voluntarily withdraws from the project and provides the Prime Contractor written notice of its withdrawal;
 - viii. The listed DBE is ineligible to receive DBE credit for the type of work required;
 - ix. A DBE owner dies or becomes disabled with the result that the listed DBE contractor is unable to complete its work on the contract;
 - x. Other documented good cause that compels City to terminate the DBE subcontractor. Provided the good cause does not exist if the Prime contractor seeks to terminate a DBE it relied upon to obtain the contract so that the Prime Contractor can self-perform the work for which the DBE contractor was engaged or so that the Prime Contractor can substitute another DBE or non-DBE contractor.
- b. Before submitting its request to terminate or substitute a DBE subcontractor, the Prime Contractor must give notice in writing to the DBE subcontractor, with a copy to City, of its intent to request to terminate and/or substitute, and the reason for the request. The Prime Contractor must give the DBE five days to respond to the Prime Contractor's notice and advise the City and the Contractor of the reasons, if any, why it objects to the proposed termination of its subcontract and why City should not approve the Prime Contractor's action. If required in a particular case as a matter of public necessity (e.g., safety), the response period may be shortened.

8. BONDING REQUIREMENTS

A. Performance and Payment Bonds

- a. The Contractor shall furnish, at its own expense, a performance bond and payment bond payable to the City of Olathe in the amount of One Hundred percent (100%) of the full expected cost of the services to be performed (goods to be delivered). A licensed surety company shall secure the bonds. The bonds shall remain valid and in effect for the full term of this Contract.
- b. A cash deposit, certified check, irrevocable letter of credit (LOC), or other negotiable instrument may be accepted by the City of Olathe in lieu of a bond. The form of any substitution in lieu of a bond must be approved by the City of Olathe. The cash deposit, certified check, irrevocable LOC, or other negotiable instrument accepted in lieu of a bond must remain valid and in effect for the full term of this Contract.
- c. If used, the LOC shall be irrevocable, unconditional, and issued by an acceptable federally insured financial institution. The LOC must cover the entire period of performance or may be submitted

with an initial expiration date which is a minimum period of one year from the date of issuance, with a provision which states that the LOC is automatically extended without amendment for one year from the expiration date, or any future expiration date, until the period of performance is completed. The period of performance shall end the later of 90 days following final payment, or until completion of any warranty period. The City of Olathe may require additional performance bond protection when the Contract Sum is increased.

- d. Contractor's failure to maintain a valid payment/performance bond or a valid substitution for the full term of this Contract will be a breach of this Contract.

B. Warranty of Work and Maintenance

- a. The Contractor warrants to the City of Olathe, that all products, equipment and materials furnished under this Contract will be of highest quality and new unless otherwise specified by the City of Olathe, free from faults and defects in workmanship or materials, merchantable, suitable for its intended purpose and in conformance with the Contract. All work not so conforming to these standards shall be considered defective. If required by the City of Olathe, the Contractor shall furnish satisfactory evidence as to the kind and quality of products, equipment and materials. The work or services furnished must be of first quality and the workmanship must be the best obtainable in the various trades.
- b. The work must be of safe, substantial and durable construction in all respects. The Contractor hereby guarantees the work against defective materials or faulty workmanship for a minimum period of one (1) year after final payment by the City of Olathe and shall replace or repair any defective products, equipment or materials or faulty workmanship during the period of the guarantee at no cost to the City of Olathe. As additional security for these guarantees, the Contractor shall, prior to the release of final payment, furnish separate maintenance (or guarantee) bonds in form acceptable to the City of Olathe written by the same corporate surety that provides the performance bond for this Contract. These bonds shall secure the Contractor's obligation to replace or repair defective products, equipment and materials and faulty workmanship for a minimum period of one (1) year after final payment and shall be written in an amount equal to one hundred percent (100%) of the Contract Sum, as adjusted (if at all).

9. BANKRUPTCY

In the event the Contractor enters into proceedings relating to bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish, by certified mail, written notification of the bankruptcy to the City of Olathe official identified in the "Notification and Communication" section. This notification shall be furnished within five days of the initiation of the proceedings relating to bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of the City of Olathe's Contract numbers against which final payment has not been made. This obligation remains in effect until final payment under this Contract.

10. DISCLAIMER OF FEDERAL GOVERNMENT OBLIGATION OR LIABILITY

The Contractor, and any subcontractors acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of this contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this contract and shall not be subject to any obligations or liabilities to the Contractor, or any other party (whether or not a party to this Contract) pertaining to any matter resulting from this Contract. It is further agreed that the clause shall be included in each subcontract and shall not be modified, except to identify the subcontractor who will be subject to its provision.

11. CONTINUITY OF SERVICES

- A. The Contractor recognizes that the services under this Contract are vital to the City of Olathe and must be continued without interruption and that, upon contract expiration, a successor, either the City of Olathe or another contractor may continue them. The Contractor agrees to (1) furnish phase-in training and (2) exercise its best efforts and cooperation to effect an orderly and efficient transition to a successor.
- B. The Contractor shall, upon the City of Olathe's written notice, (1) furnish phase-in, phase-out services for up to 90 days after this Contract expires and (2) negotiate in good faith a plan with a successor to determine the nature and extent of phase-in, phase-out services required. The plan shall specify a training program and a date for transferring responsibilities for each division of work described in the plan and shall be subject to the City of Olathe's approval. The Contractor shall provide sufficient experienced personnel

during the phase-in, phase-out period to ensure that the services called for by this Contract are maintained at the required level of proficiency.

12. CONTRACTOR'S PERSONNEL

All of the services required hereunder shall be performed by the Contractor or under its supervision and all personnel engaged in the services shall be fully qualified and authorized under state and local law to perform such services. Any change in the key personnel, as described in the contractor's proposal, shall be subject to the written approval of the City of Olathe; such approval shall not be unreasonably withheld. The parties agree that at all times during the entire term of this Contract that the persons listed in Contractor's proposal shall serve as the primary staff person(s) of Contractor to undertake, render and oversee all of the services of this Contract subject to the City of Olathe's right to remove personnel. The City of Olathe reserves the right to require the Contractor to remove any personnel and or subcontractors for any cause provided such request for removal shall be documented in writing to Consultant.

13. CONTRACTOR'S RESPONSIBILITY

No advantage shall be taken by the Contractor or its subcontractor of the omission of any part or detail which goes to make the equipment complete and operable for use by the City of Olathe. In case of any variance, this specification shall take precedence over Contractor's or subcontractor's own specifications. The Contractor shall assume responsibility for all materials and services used whether the same is manufactured by the Contractor or purchased ready made from a source outside the Contractor's company.

14. LAWS AND REGULATIONS

The Contractor shall, without additional expense to the City of Olathe, be responsible for obtaining any necessary licenses and permits, and for complying with all Federal, State, and municipal laws, codes, and regulations applicable to the performance of the work in this Contract, including those laws, codes, and regulations of the City of Olathe.

15. LIABILITY

- A. **Contractor's Liability** - Contractor shall be liable for all damages to persons (including employees of Contractor) or property of any type that may occur as a result of any act or omission by Contractor, any subcontractors, or sub-subcontractor, their respective agents or anyone directly employed by any of them or anyone for whose acts any of them may be liable or arising out of any product provided or services rendered under this Agreement.
- B. **Subrogation** - Contractor, its agents and any subcontractor hereby waive and relinquish any right of subrogation or claim against the City of Olathe, its City Council members and employees arising out of the use of the City of Olathe's premises (including any equipment) by any party in performance of this Agreement.

16. INDEPENDENT CONTRACTOR

- A. The parties agree that the Contractor is an independent contractor under this Contract. Under no circumstance shall the Contractor be considered an agent, employee or representative of the City of Olathe and the City of Olathe shall not be liable for any claims, losses, damages, or liabilities of any kind resulting from any action taken or failed to be taken by the Contractor.
- B. The Contractor shall furnish adequate supervision, labor, materials, supplies, and equipment necessary to perform all the services contemplated under this Contract in an orderly, timely, and efficient manner.

17. INSPECTION OF SERVICES

- A. The Contractor shall provide and maintain an inspection system acceptable to the City of Olathe covering the services provided in the performance of the Contract. "Services" as used in this clause, includes services performed, quality of the work, and materials furnished or used in the performance of services.
- B. The Contractor shall provide and maintain an inspection system acceptable to the City of Olathe covering the project. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the City of Olathe during contract performance and for as long afterwards and the Contract requires.
- C. The City of Olathe has the right to inspect and test all services called for by this Contract to the extent practicable at all times and places during the term of the Contract. The City of Olathe shall perform inspection and tests in a manner that will not unduly delay the work.
- D. If any of the services performed do not conform to Contract requirements, the City of Olathe may require the contractor to perform the services again in conformity with Contract requirements for no

additional fee. When the defects in performance cannot be corrected by re-performance, the City of Olathe may:

- a. Require the Contractor to take necessary action to ensure that future performance conforms to Contract requirements; or
 - b. Reduce the Contract Sum accordingly.
- E. If the Contractor fails to promptly perform the services again or to take the necessary action to ensure future performance in conformity with contract requirements, the City of Olathe may:
- a. By Contract or otherwise, perform the services and charge to the Contractor any cost incurred by the City of Olathe that is directly related to the performance of the work; or
 - b. Terminate the Contract for default.

18. EMPLOYEE PROTECTIONS

A. *Overtime requirements.* No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

B. *Violation; liability for unpaid wages; liquidated damages.* In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchpersons and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$32 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1).

C. *Withholding Process.*

The contractor may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this paragraph (b) on this contract, any other federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

(ii) *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with paragraph (a)(2)(i) or (b)(3)(i) of this section, or both, over claims to those funds by:

- (A) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- (B) A contracting agency for its procurement costs;
- (C) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
- (D) A contractor's assignee(s);

covered under this Contract. In addition to other penalties that may be applicable, the Contractor further acknowledges that if it makes a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor to the extent the Federal Government deems appropriate.

- B. The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government in connection with this Contract, the Government reserves the right to impose on the Contractor the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5307(n)(1), to the extent the Federal Government deems appropriate.
- C. The Contractor agrees to include these clauses in each subcontract, and it is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

21. INCORPORATION OF FEDERAL EMERGENCY MANAGEMENT AGENCY TERMS

Incorporation of Federal Emergency Management Agency (FEMA) Terms - The preceding provisions include, in part, certain Standard Terms and Conditions required by DHS, whether or not expressly set forth in the preceding contract provisions. All contractual provisions required by DHS, as set forth in **PROCUREMENT GUIDANCE FOR RECIPIENTS AND SUBRECIPIENTS UNDER 2 C.F.R PART 200 (UNIFORM RULES)** are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FEMA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any (name of grantee) requests which would cause (name of grantee) to be in violation of the FEMA terms and conditions.

22. CONFLICTS OF INTEREST (ORGANIZATIONAL)

In accordance with 2 C.F.R. § 200.112, the Contractor certifies that it has no other activities or relationships that would make the Contractor unable, or potentially unable, to render impartial assistance or advice to City, or that would impair the Contractor's objectivity in performing work under this Contract, or that would result in an unfair competitive advantage to Contractor or to another third party performing the Project work.

23. PROHIBITED INTERESTS

- A. No board member, officer, employee or agent of the City of Olathe or of a local public body who has participated or will participate in the selection, award, or administration of this Contract, nor any member of his or her immediate family, business partner or any organization which employs, or intends to employ any of the above during such period, shall have any interest, direct or indirect, in this Contract or the proceeds thereof, to any share or part of this Contract, or to any benefit arising there from. This shall not be construed to prevent any such person from owning stock in a publicly owned corporation.
- B. No member of, or delegates to, the Congress of the United States shall be admitted to any share or part of the Contract, or to any benefit arising there from. This shall not be construed to prevent any such person from owning stock in a publicly-owned corporation.

24. PROHIBITION ON CONTRACTING FOR COVERED TELECOMMUNICATIONS EQUIPMENT OR SERVICES

Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2 C.F.R. § 200.216 prohibit the head of an executive agency on or after Aug. 13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons.

- A. Unless an exception in paragraph (c) of this clause applies, the contractor and its subcontractors may not use grant, cooperative agreement, loan, or loan guarantee funds from the Federal Emergency Management Agency to:
 - (A) Procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;
 - (B) Enter, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;
 - (C) Enter, extend, or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system; or
 - (D) Provide, as part of its performance of this contract, subcontract, or other contractual instrument, any equipment, system, or service that uses covered telecommunications

equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

B. Exceptions.

(1) This clause does not prohibit contractors from providing-

- (a) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or
- (b) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(2) By necessary implication and regulation, the prohibitions also do not apply to:

- (a) Covered telecommunications equipment or services that
 - (i) Are not used as a substantial or essential component of any system; and
 - (ii) Are not used as critical technology of any system.
- (b) Other telecommunications equipment or services that are not considered covered telecommunications equipment or services.

D. Reporting requirement.

A. In the event the contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the contractor is notified of such by a subcontractor at any tier or by any other source, the contractor shall report the information in paragraph (d)(2) of this clause to the recipient or subrecipient, unless elsewhere in this contract are established procedures for reporting the information.

B. The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:

{A} Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

{B} Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

E. Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments.

25. DOMESTIC PREFERENCES

A. The Contractor should, to the greatest extent practicable and consistent with law, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to, iron, aluminum, steel, cement, and other manufactured products.

B. For purposes of this clause:

Produced in the United States means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States

26. LOBBYING RESTRICTIONS

A. The Contractor is bound by its certification contained in its offer to the City regarding the use of federal or non-federal funds to influence, or attempt to influence any federal officer or employee regarding the award,

execution, continuation, or any similar action of any federal grant or other activities as defined in 31 U.S.C. 1352, 2 C.F.R. § 200.450, 2 C.F.R. part 200 appendix II (J) and 49 CFR Part 20. The Contractor agrees to comply with this requirement throughout the term of the Contract.

- B. The Contractor agrees to include these requirements in all subcontracts at all tiers exceeding \$100,000 and to obtain the same certification and disclosure from all subcontractors (at all tiers).

27. RECORD RETENTION AND ACCESS

- A. The Contractor agrees that, during the course of this agreement and any extensions thereof, and for three years thereafter, it will maintain intact and readily accessible all data, documents, reports, records, contracts, and supporting materials relating to this Contract in accordance with 2 C.F.R. §§ 200.333. In the event of litigation or settlement of claims arising from the performance of this Contract, the Contractor agrees to maintain same until such litigation, appeals, claims or exceptions related thereto have been disposed of.
- B. The Contractor shall permit City, the U.S. Secretary of Homeland Security, the Comptroller General of the United States, and, as applicable, any local municipality, to inspect all work, materials, construction sites, payrolls, and other data and records, and to audit the books, records, and accounts of the Contractor relating to its performance under this Contract.
- C. The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed, and to include this clause in all subcontracts.

28. REQUESTS FOR PAYMENT

- A. Invoices and reports requesting payment shall be submitted to the Accounts Payable Division, apolathe@olatheks.org or mail to PO Box 768, Olathe KS 66051-0768. Payment to the carriers will be made on the normal city accounts payable cycle
- B. All final invoices shall be submitted to the City of Olathe within 90 days of project completion or contract termination. Invoices submitted more than 90 days after project completion or contract termination will not be valid and will not be paid.
- C. Subcontractor Payments
 - (A) Prompt Payment - The Contractor shall establish procedures to ensure timely payment of amounts due pursuant to the terms of its subcontracts. The Contractor shall pay each DBE and non-DBE subcontractor for satisfactory performance of its contract, or any billable portion thereof, in accordance with the timing set forth in any applicable laws or no later than 30 days, whichever is less, from the date of the Contractor's receipt of payment from the City of Olathe for work by that subcontractor.
 - (B) Prompt Return of Retainage - If retainage is withheld from subcontractors, the Contractor is required to return any retainage payment to its DBE and non-DBE subcontractors in accordance with the timing set forth in any applicable laws or no later than 30 days, whichever is less, from the date of receipt of the retainage payment from the City of Olathe related to the subcontractors work. Any delay or postponement of payment from said time frame may occur only for good cause following written approval from the City of Olathe.
 - (C) The Contractor shall certify on each payment request to the City of Olathe that payment has been or will be made to all subcontractors. Lien waivers may be required for the Contractor and its subcontractors. The Contractor shall notify the City of Olathe on or before each payment request, of any situation in which scheduled subcontractor payments have not been made.
 - (D) If a subcontractor alleges that the Contractor has failed to comply with this provision, the Contractor agrees to support any City of Olathe investigation, and if deemed appropriate by the City of Olathe, to consent to remedial measures to ensure that subcontractors are properly paid as set forth herein.
 - (E) The Contractor agrees that the City of Olathe may provide appropriate information to interested subcontractors who inquire about the status of City of Olathe payments to the Contractor.
 - (F) Nothing in this provision is intended to create a contractual obligation between the City of Olathe and any subcontractor or to alter or affect traditional concepts of privity of contract between all parties.

29. RIGHT TO OFFSET

The City of Olathe, without waiver or limitation of any rights, may deduct from any amounts due Contractor in connection with this Contract, or any other contract between Contractor and the City of Olathe, any amounts owed by Contractor to the City of Olathe, including amounts owed by Contractor pursuant to Contractor's obligation to indemnify the City of Olathe against third party claims arising out of Contractor's performance of work under this Contract.

30. DHS SEAL, LOGO, AND FLAGS

Contractor must obtain written permission from OHS prior to using the OHS seals, logos, crests, or reproductions of flags, or likenesses of OHS agency officials. This includes use of OHS component (e.g., FEMA, CISA, etc.) seals, logos, crests, or reproductions of flags, or likenesses of component officials."

31. SEVERABILITY

If any provision of this Agreement is determined to be void, invalid, unenforceable or illegal for whatever reason, such provision(s) will be null and void; provided, however, that the remaining provisions of this Agreement will be unaffected and will continue to be valid and enforceable.

32. SUBCONTRACTORS

- A. **Subcontractor Approval.** None of the work or services covered by this Contract shall be subcontracted without the prior written approval of the City of Olathe. The only subcontractors approved for this Contract, if any, are listed in an appendix to this Contract. Any substitutions or additions of subcontractors must have the prior written approval of the City of Olathe as set forth herein.
- B. **DBE Subcontractor Employment.** See Disadvantaged Business Enterprise Provisions.
- C. **Subcontractor Payments.** See Requests for Payment Provisions.
- D. **Adequate Provision(s) in Subcontract(s).** Any subcontracts related to this Contract must contain adequate provisions to define a sound and complete agreement. In addition, all subcontracts shall contain contractual provisions or conditions that allow for:
 - i. Administrative, contractual, or legal remedies in instances where subcontractors violate or breach contract terms, including sanctions and penalties as may be appropriate.
 - ii. Termination for cause and for convenience including the manner by which it will be effected and the basis for settlement.
 - iii. The following provisions if included in this Contract:
 - Assignment
 - Changes
 - Civil Rights
 - Conflicts of Interest
 - Debarment and Suspension
 - Disadvantaged Business Enterprise (DBE)
 - Disclaimer of Federal Government Obligations or Liability
 - Dispute Resolution
 - Employee Eligibility Verification
 - Employee Protections
 - Environmental Regulations
 - Prohibition on Contracting for Telecommunications Equipment or Services
 - Domestic Preferences
 - DHS Seal, Logo, and Flags
 - Federal Changes
 - Fraud and False or Fraudulent Statements or Related Acts
 - Incorporation of FEMA Terms
 - Lobbying Restrictions
 - Record Retention and Access
 - Subcontractors
 - Termination
 - Operations Restrictions
- E. The Contractor will take such action with respect to any subcontractor as the City of Olathe or the U.S. Department of Transportation may direct as means of enforcing such provisions.
- F. The City of Olathe reserves the right to review the Contractor's written agreement with its subcontractors (DBE and non-DBE) to confirm that required federal contract clauses are included.
- G. The City of Olathe may perform random audits and contact minority subcontractors to confirm the reported DBE participation.

33. SUSPENSION OF WORK

The City of Olathe may order the Contractor, in writing, to suspend, delay, or interrupt all or any part of the work under this agreement for the period of time that the City of Olathe determines appropriate for the convenience of the City of Olathe.

34. UNAVOIDABLE DELAYS

- A. **Delays** - Unavoidable only if the delay was not reasonably expected to occur in connection with or during the Contractor’s performance, and was not caused directly or substantially by acts, omissions, negligence, or mistakes of the Contractor, the Contractor’s suppliers, or their agents, and was substantial and in fact caused the Contractor to miss delivery or performance dates, and could not adequately have been guarded against by contractual or legal means.
- B. **Notification of Delays** - The Contractor shall notify the Director of Procurement as soon as the Contractor has, or should have, knowledge that an event has occurred which will cause an unavoidable delay. Within five (5) days, the Contractor shall confirm such notice in writing furnishing as much as detail as is available.
- C. **Request for Extension** - The Contractor agrees to supply, as soon as such data is available, any reasonable proof that is required by the Director of Procurement to make a decision on any request for extension. The Director of Procurement shall examine the request and any documents supplied by the Contractor and shall determine if the Contractor is entitled to an extension and the duration of such extension. The Director of Procurement shall notify the Contractor of its decision in writing.
- D. It is expressly understood and agreed that the Contractor shall not be entitled to damages or compensation and shall not be reimbursed for losses on account of delays resulting from any cause under this provision.

35. NOTIFICATION AND COMMUNICATION

- A. Communications regarding technical issues and activities of the project shall be exchanged with the City of Olathe’s Taxi Voucher Program Coordinator.
- B. Issues regarding the contract document, changes, amendments, etc. are the responsibility of the City of Olathe’s Procurement Department. All notices and communications on all matters regarding this Contract may be given by delivery or mailing the same postage prepaid, addressed to the following:

City of Olathe
 Attn: Robert Cole
 100 E. Santa Fe
 P.O. Box 768
 Olathe, KS 66051-0768

Thompson Consulting Services, LLC
 Attn: Jon Hoyle
 2601 Maitland Center Parkway
 Maitland, FL 32751

- C. The Contractor shall notify the City of Olathe immediately when a change in ownership has occurred or is certain to occur.
- D. The addresses to which notices may be made may be changed from time to time by notice mailed as described above. Any notice given by mail shall be deemed given on the day after that on which it is deposited in the United States Mail as provided above.

36. RIGHTS IN DATA AND PATENT RIGHTS

A. Rights in Data

The term "subject data" used in this clause means recorded information, whether or not copyrighted, that is delivered or specified to be delivered under the Contract. The term includes graphic or pictorial delineation in media such as drawings or photographs; text in specifications or related performance or design-type documents; machine forms such as punched cards, magnetic tape, or computer memory printouts, and information retained in computer memory. The term "subject data" does not include financial reports, cost analyses, and similar information incidental to contract administration.

- B. The following restrictions apply to all subject data first produced in the performance of the Contract:
 - a. Except for its own internal use, Contractor may not publish or reproduce subject data in whole or in part or in any manner or form, nor may Contractor authorize others to do so, without the written consent of the City of Olathe, until such time as the City of Olathe may have either released or approved the release of such data to the public.

- b. In accordance with 49 C.F.R. §18.34 and 49 C.F.R. §19.36, the Federal Government reserves a royalty-free, non-exclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use, the following subject data for "Federal Government purposes":
 - i. Any subject data developed under the Contract, whether or not a copyright has been obtained; and
 - ii. Any rights of copyright purchased by the City of Olathe or Contractor using Federal assistance in whole or in part provided by FEMA.
- c. "For Federal Government Purposes" means use only for the direct purpose of the Federal Government. Without the copyright owner's consent, the Federal Government may not extend its Federal license to any other party. When FEMA awards Federal assistance for experimental, developmental, or research work, it is FEMA's general intention to increase transportation knowledge available to the public, rather than to restrict the benefits resulting from the work to participants in that work. Therefore, unless FEMA determines otherwise, Contractor performing experimental, developmental, or research work, agrees to permit FEMA to make available to the public, either FEMA's license in the copyright to any subject data developed in the course of the Contract, or a copy of the subject data first produced under the Contract for which a copyright has not been obtained. If the experimental, developmental, or research work, which is the subject of the underlying Contract, is not completed for any reason whatsoever, all data developed under this Contract shall become subject data as defined previously and shall be delivered as the Federal Government may direct. This subsection, however, does not apply to adaptations of automatic data processing equipment or programs for the City of Olathe or Contractor's use whose costs are financed in whole or part with Federal assistance provided by FEMA for transportation capital projects.
- d. Unless prohibited by state law, Contractor agrees to indemnify, save, and hold harmless the City of Olathe and the Federal Government, its officers, agents, and employees acting within the scope of their official duties against any liability, including costs and expenses, resulting from any willful or intentional violation by the City of Olathe or Contractor of proprietary rights, copyrights, or rights of privacy, arising out of the publication, translation, reproduction, delivery, use or disposition of any data furnished under this Contract. Neither the City of Olathe nor the Contractor shall be required to indemnify the Federal Government for any such liability arising out of the wrongful act of any employee, official, or agents of the Federal Government.
- e. Nothing contained in this clause on rights in data shall imply a license to the City of Olathe or to the Federal Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the City of Olathe or to the Federal Government under any patent.
- f. Data developed by the City of Olathe or Contractor and financed entirely without using Federal assistance provided by the Federal Government that has been incorporated into work required by this Contract to which this clause has been added is exempt from the requirements of subsections (b), (c), and (d) of this clause, provided that the City of Olathe or Contractor identifies that data in writing at the time of delivery of the contract work.

37. OPERATIONS RESTRICTIONS

Reporting Requirements. The Contractor agrees to collect and maintain all data, using proper procedures, requested by City for compliance with the "Uniform System of Accounts and Records and Reporting System," 49 C.F.R. Part 630, which includes various reports required to FEMA's national transit database. The Contractor shall submit the requested.

38. INCORPORATION OF FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) TERMS

PROCUREMENT GUIDANCE FOR RECIPIENTS AND SUBRECIPIENTS UNDER 2 C.F.R PART 200 (UNIFORM RULES)

Applicability to Contracts

The incorporation of FEMA terms applies to all contracts.

Applicability to Micro-Purchases

Micro-purchases are defined as those purchases under \$3,500. These requirements do not apply to micro-purchases.

Flow Down

The incorporation of FEMA terms has unlimited flow down.

The Contractor, Thompson Consulting Services LLC, certifies and affirms the truthfulness and accuracy of each statement of its certification and disclosure, in any. In addition, the contract understands and agrees that the provisions of 31 U.S.C Chapter 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.



Signature of Contractor's Authorized Official

Jon Hoyle, President
Name and Title of Contractor's Authorized Official

2/23/2026
Date

Type text