Final Notice and Public Explanation of a Proposed
Activity in a Federal Flood Risk Management Standard Designated Floodplain or nearby Wetland

To: All interested Agencies, Groups and Individuals

This is to give notice that **Terrebonne Parish Consolidated Government (TPCG)** under **24 CFR Part 58** has conducted an evaluation as required by Executive Order(s) 11988, as amended by Executive Order 13690, and/or Executive Order 11990, in accordance with HUD regulations at 24 CFR 55.20 in Subpart C Procedures for Making Determinations on Floodplain Management and Wetlands Protection. The activity is funded under under **Resilient Communities Infrastructure Program (RCIP) Project Number 55LDRC7708**. The Weather Stations proposed project locations are at 13 fire stations across **Terrebonne Parish** as indicated in **Attachment A**. **The extent of the FFRMS floodplain was determined using FEMA FIRMette maps, which show that several sites are located within Zone AE and others within shaded Zone X (Exhibit 1). Wetland proximity was assessed using NWI mapping; while no stations are sited directly in wetlands, several are near bayous across the street. Each weather station will be mounted approximately 10 feet high on existing antennas or easements with no ground disturbance. Based on current information, no effects to the floodplain or nearby wetlands are expected**.

TPCG has considered the following alternatives and mitigation measures to minimize adverse impacts and to restore and preserve natural and beneficial functions and intrinsic values of the existing floodplain/wetland: the proposed action will not impact the floodplain or wetlands as that the weather stations will be fixed to existing structures. The proposed action will give real-time information to emergency services to inform the community of weather.

TPCG has reevaluated alternatives to building in the **floodplain/wetland** and has determined that it has no practicable alternative to **floodplain/wetland** development. Environmental files documenting compliance with **Executive Order 11988, as amended by Executive Order 13690, and/or Executive Order 11990**, are available for public inspection, review and copying upon request at the times and location delineated in the last paragraph of this notice for receipt of comments.

There are three primary purposes for this notice. First, people who may be affected by activities in **floodplain/wetland** and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public educational tool. The dissemination of information and request for public comment about **floodplain/wetland** can facilitate and enhance Federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in **floodplain/wetland**, it must inform those who may be put at greater or continued risk.

Written comments must be received by the **TPCG** at the following address on or before **September 10, 2025 [a minimum 7 calendar day comment period will begin the day after the publication and end on the 8th day after the publication]**: **terrebonneenvironmental@csrsinc.com**. A full description of the project may be reviewed below.

Problem Definition

Instructions:

- All required fields are marked with an *.
- Given you have the proper permissions, use the **SAVE** button to save information and calculate data on each page.
- Save at least every 30 minutes to avoid losing data.

Please fill out the sections below or provide attachments with requested information.

Provide a comprehensive description of the problem this project will address. Including, but not limited to:

- **What are the expected results?**
- **Is this a new/existing problem?**
- **What was the previous use of the site?**
- **Does the problem affect a historic area?**

Terrebonne Parish, located in Louisiana's coastal region, has faced increasingly dangerous and frequent hurricanes. Terrebonne Parish is geographically one of the largest parishes in Louisiana with over 100,000 residents according to 2023 estimates, many bodies of water and waterways, and acres of coastal wetlands. The landscape makes Terrebonne Parish highly susceptible to flooding. This vulnerability is increased by the Parish's proximity to the Gulf of Mexico, where hurricanes, tropical storms, and other severe weather events have become more frequent and intense. Hurricane Ida brought intense rainfall and flooding that was exacerbated by dangerous winds the caused a loss of power for more than three weeks in many parts of the parish.

Flooding is always a concern in Terrebonne Parish, and flooding does not only come from major storm events. A rain event can bring localized flooding to certain areas of the parish with little forewarning. Currently, National Oceanic and Atmospheric Administration (NOAA) has eleven (11) weather stations as part of the National Weather Service (NWS) in Louisiana, but none are located within the boundaries of Terrebonne Parish. The closest is in Morgan City, about 35 miles away in St. Mary Parish. The accuracy of weather stations diminishes the further a site is from that station.

The Terrebonne Parish Wide Weather Stations project will provide technology for localized weather stations that create more accurate data points for the Terrebonne Parish Office of Homeland Security and Emergency Preparedness (TOHSEP). The real-time accurate data will allow Terrebonne Parish Consolidated Government (TPCG) to serve and protect the community by improving preparation and response time for potential storms.

The RCIP CDBG-DR funded project involves the installation of thirteen (13) new weather stations in the parish at existing fire stations or other publicly owned properties at selected strategic locations. These weather stations individually have a radius of three miles. By installing 13 weather stations strategically throughout Terrebonne Parish, it will result in significantly improving the parish's ability to interpret weather patterns and communicate in real time with the public, particularly LMI households who often feel the greatest impact and benefit from more time to make possible evacuation decisions.

The weather stations will evaluate the following measurements:
• 10 Minute Wind Gust
• Anemometer
• Barometer
• Barometer Tendency
• Dew Point
• Heat Index
• Hygrometer
• Rain Guage
• Rain Rate
• Solar Radiation
• UV Radiation
• Thermometer
• Wet Bulb Globe Temperature
• Wind Chill
• Wind Vane

Terrebonne Parish has experienced significant flood events that affect personal household safety and cause widespread damage to homes, businesses, and infrastructure. Accurate and timely information is the greatest resource in hazardous weather events, allowing parish officials to disseminate information quickly and make informed decisions to mitigate risk and possible harm to residents. Having the data points as accurate as possible will increase community resilience in future storms. These weather stations will be crucial in guiding TPCG officials in making appropriate safety announcements throughout a storm event. In addition, the information collected by these stations will be accessible to the public through social media.

This project will not affect an historic area.

DISASTER RECOVERY ACTIVITY INFORMATION

Does the proposed project have a tie to at least one of the 2020/2021 disasters? Yes [X] No [ ]

Which disaster does the project tie back to? Select all that apply.

Hurricane Laura [ ] Hurricane Ida [X] Hurricane Delta [ ] May Flood [ ]

Explain the project rationalee for the tie-back to the disaster(s):

Flooding is the second most prevalent hazard event type in Terrebonne Parish recorded by the NOAA National Centers for Environmental Information. Additionally, with high river stages and storm surge, flooding occurs in areas far removed from the source of the primary event. Locally, the term "backwater flooding" identifies this phenomenon. This means that real time flood alerts are critical to the safety of Terrebonne Parish residents. During Hurricane Ida, flood surges rose to 8-12 feet across Terrebonne's coastline.

Up to the minute understanding of weather events is critical to ensuring flood interventions are implemented early enough to be effective. The more localized the information from these weather stations, the more accurately people in those areas will be able to prepare for upcoming events, evacuate as needed, or avoid unnecessary disruptions to local commerce and life.

Per FR-6303-N-01, HUD requires that grantees demonstrate that they have incorporated mitigation measures into CDBG-DR activities as a construction standard to create communities that are more resilient to the impacts of the recurring natural disasters and the impacts of climate change.

Describe the resiliency efforts and/or performance metrics applicable to this activity.

TPCG requires more accurate weather information in order to quickly and effectively inform households on steps to remain safe and to make informed decisions for the Parish about where to center resources during rain and flood related weather events, including road closures and pre-positioning of emergency responders. This Weather Stations project will allow the Parish to have access to data that will further allow it to build a more accurate database of weather information to inform future resiliency efforts. The performance measure will be the number of public facilities installed and therefore improved to add to public safety and resilience.

MITIGATION ACTIVITY INFORMATION

Per FRN-6368-N-01, HUD defines mitigation activities as those activities that increase resilience to disasters and reduce or eliminate the long-germ risk of loss of life, injury, damage to and loss of property, and suffering and hardship, by lessening the impact of future disasters.

Does the proposed project meet the definition of a mitigation activity? Yes [X] No [ ]

Describe the mitigation aspects, including performance metrics applicable to this activity.

The Weather Stations Project will mitigate storm damage by providing focused, immediate, and more accurate information about rainfall, windspeed, temperature, and other weather conditions in real time and allow for more preventative actions to be taken lessen the impact of disasters. This information is critical for emergency response leading up to and during storms, and early warning is integral to saving lives and taking other necessary mitigation measures. Performance metrics could include the improved level of data collected and disseminated through the weather stations. The performance measure will be the number of public facilities installed and therefore improved to add to public safety and resilience.

Flood Risk Information

Attach the appropriate flood profile and discharge tables, if applicable, from the Flood Insurance Study with the project site and elements / improvements marked. Please see the Flood Insurance Study Attachment Examples (Appendix 2) for guidance.

Upload here:

Attach the FIRMette from the Flood Insurance Rate Map (FIRM). FIRMs are typically available from your local floodplain administrator who may be located in the planning, zoning, or engineering office, or the FEMA web page at https://msc.fema.gov/. Maps can also be ordered from the Map Service Center at 1-800-358-9616. Clearly mark all construction areas of the project on the map.

Additional Flood Risk Information	**Description**
	Not required.

Using the Flood Insurance Study or FIRM, indicate the applicable flood zones for the project site. Check all that apply.

*[ ]*VE or V 1-30
*[X]*AE or A 1-30
*[ ]*AO or AH
*[ ]*A (no base flood elevation given)
*[X]*B or X (shaded)
*[ ]*C or X (unshaded)
*[ ]*Floodway
*[ ]*Coastal Barrier Resource Act (CBRA) Zone

EXHIBIT 1

NAME	ADDRESS	FLOODPLAIN / WETLAND	
Houma Fire Department – Central Station	600 Wood Street Houma, LA 70360	Zone X shaded	n/a
Houma Fire Department – South Houma Station 1	1430 St. Charles Street Houma, LA 70360	Zone X shaded	n/a
Houma Fire Department – Airbase Station 4	120 James Road Houma, LA 70363	Zone AE	Near R5BH
Bayou Blue Fire Protection District	1870 Bayou Blue Road Houma, LA 70364	No data available however across the street is Zone X shaded	Near R4SBC
Village East Fire Protection District Village East Volunteer Fire Department – Central Station	100 Development Street Houma, LA 70363	Zone X shaded	n/a
Fire Protection District #4 Grand Caillou Fire Department 4A	2671 Grand Caillou Road Houma, LA 70363	Zone AE	n/a
Fire Protection District #4 Grand Caillou Volunteer Fire Department – Bobtown Station	4717 Grand Caillou Road Houma, LA 70363	Zone AE	Near R1UBV
Fire Protection District #5 Bourg Volunteer Fire Department	4317 Hwy 24 Bourg, LA 70343	Zone AE	Near R5UBH
Fire Protection District #6 Montegut Fire Department – Station 1	1105 Hwy 55 Montegut, LA 70377	Zone AE	Near R1UBV
Fire Protection District #7 Little Caillou Fire Department – Administration/Station 2	5016 Hwy 56 Chauvin, LA 70344	Zone AE	Near E1UBL5
Fire Protection District #8 West Terrebonne Fire – Station 1	116 Merry Moss Street Gibson, LA 70356	Zone AE	Near PFO1C
Fire Protection District #10 Dularge Fire Department - Central	1767 Bayou Dularge Road Theriot, LA 70397	Zone AE	Near R1UBV
Fire Protection District #10 Bayou Dularge Volunteer Fire Department – Station 2	621 Bayou Dularge Road Houma, LA 70363	Zone AE	Near R5UBH