



WISCONSIN DEPARTMENT OF NATURAL RESOURCES
AND
FEDERAL EMERGENCY MANAGEMENT AGENCY
COOPERATING TECHNICAL PARTNERS
MAPPING ACTIVITY STATEMENT

Mapping Activity Statement No. WDNR04-06-Winnebago

Digital Flood Insurance Rate Map Production and Development of Updated Flood Data for Winnebago County, Wisconsin

In accordance with the Cooperating Technical Partners (CTP) Partnership Agreement dated September 14, 2001 between the Wisconsin Dept. of Natural Resources (WDNR) and the Federal Emergency Management Agency (FEMA), Mapping Activity Statement (MAS) No. WDNR04-02-Milwaukee is as follows.

SECTION 1—OBJECTIVE AND SCOPE

The objective of this Flood Map Project is to develop a complete database associated with the Winnebago County and incorporated communities digital Flood Insurance Rate Maps.

The activities for this Flood Map Project, including required Quality Assurance/Quality Control (QA/QC) reviews, and the Mapping Partners that will complete them are summarized in the table below. This MAS details steps required to execute Activity Nos. 14A and 14B. Sections of the MAS that follow the table describe specific activities, responsible Mapping Partner(s), FEMA standards that must be met, and resultant map components.

ACTIVITIES	CTP	FEMA
Activity 1 – Scoping		
Activity 2 – Outreach		
Activity 3 – Field Surveys and Reconnaissance		
Activity 4 – Topographic Data Development		
Activity 5 – Independent QA/QC Review of Topographic Data		
Activity 6 – Hydrologic Analyses		
Activity 7 – Independent QA/QC Review of Hydrologic Analyses		

ACTIVITIES	CTP	FEMA
Activity 8 – Hydraulic Analyses		
Activity 9 – Independent QA/QC Review of Hydraulic Analyses		
Activity 10 – Floodplain Mapping (Detailed Riverine or Coastal Analysis)		
Activity 10A – Floodplain Mapping (Redelineation Using Effective Flood Profiles and Updated Topographic Data)		
Activity 10B – Floodplain Mapping (Refinement or Creation of Zone A)		
Activity 11 – Independent QA/QC Review of Floodplain Mapping (Revised Areas)		
Activity 12 – Base Map Acquisition)		
Activity 13 – DFIRM Production (Non-Revised Areas)		
Activity 13A – Independent QA/QC Review of DFIRM Production (Non-Revised Areas)		
Activity 14 – DFIRM Production (Merge Revised and Non-Revised Information)		
Activity 14A – Application of DFIRM Graphic and Database Specifications	X	
Activity 14B – Independent QA/QC Review of DFIRM Product Meeting FEMA Graphic and Database Specifications	X	
Activity 15 – Preliminary DFIRM and FIS Report Distribution		
Activity 16 – Post-Preliminary Processing		

FEMA has developed tools to assist in the development of the flood hazard data studies and the Digital Flood Insurance Rate Maps (DFIRMs) that can be used at the WDNR's discretion. The tools available at this time include WISE software and the DFIRM production tools. FEMA will, through the NSP, provide access and training in these tools.

Use of WISE and other FEMA-supplied production tool sets is not required. Should the WDNR choose not to use these production tools, intermediate project data should be submitted to FEMA in accordance with data capture standards at major milestones in each Mapping Project. Submitting data in these standards will aid in more efficient quality control reviews, data storage, archiving, and for future study updates.

The Data Capture Standard submittals are required at the following study milestones as appropriate for the project's scope of work:

Project Scoping (as specified)

Terrain Data Processing Completed

- Field Survey Completed
- Hydrology Completed (draft and final)
- Hydraulics Completed (draft and final)
- Coastal Analysis Completed (draft and final)
- DFIRM Mapping (draft and preliminary)

CTPs or the NSP at the discretion of FEMA may perform QA/QC review activities. Please note the NSP will also be performing periodic audits and overall study/project management to ensure study quality.

FEMA will be providing download/upload capability for intermediate data submittals through the Management Information Portal (MIP). Data submittals uploaded via the MIP will include the same data required prior to the existence of the MIP.

Activity 14A – DFIRM Production (Application of DFIRM Graphics and Database Specifications)

Responsible Mapping Partner: WDNR

Scope: WDNR shall apply the final FEMA DFIRM database specifications to the Winnebago County DFIRM files. WDNR shall coordinate with FEMA and Dewberry and Assoc., as necessary, to resolve any problems that are identified during Activity 14A.

Standards: All work under Activity 14A shall be performed in accordance with the standards specified in Section 5 of this MAS.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners*, WDNR shall make the following products available to FEMA in accordance with the schedule outlined in Section 6 for this Activity:

- DFIRM mapping files, prepared in accordance with the requirements in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- Metadata files describing the DFIRM data, including all required information shown in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken during the preparation of the DFIRM; and

- NSP Format DFIRM Database or Intermediate Data Delivery consistent with the NSP Data Capture Standards – Appendix N of the Guidelines and Specifications for Flood Mapping Partners.

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/firm_gsam.pdf.

Activity 14B – Independent QA/QC Review of DFIRM Product Meeting FEMA Graphics and Database Specifications

Responsible Mapping Partner: WDNR

Scope: Upon completion of the DFIRM production activity 14A, WDNR shall conduct an independent to determine if it meets current FEMA database specifications. WDNR shall coordinate with other Mapping Partners, as necessary; to resolve any problems identified during this QA/QC review. This work shall ensure that the requirements below are met.

- All required DFIRM features are accurately and legibly labeled and follow the examples shown in the FEMA DFIRM specifications. This includes all flood insurance risk zones, BFEs, cross sections, studied streams, mapped political entities, and all roads within and adjacent to the 1-percent-annual-chance floodplains.
- DFIRM mapping files are in one of the GIS file and database formats specified in FEMA's *Guidelines and Specifications for Flood Hazard Mapping Partners* and conform to those specifications for content and attribution.
- DFIRM database files are in one of the database formats specified in FEMA's *Guidelines and Specifications for Flood Hazard Mapping Partners* and conform to those specifications for content and attribution.
- Metadata files describing the DFIRM data include all required information shown in *Guidelines and Specifications for Flood Hazard Mapping Partners*.

Standards: All work under Activity 14B shall be performed in accordance with the standards specified in Section 5 of this MAS.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners*, WDNR shall make the following products available to FEMA in accordance with the schedule outlined in Section 6 for this Activity:

- A Summary Report that describes the findings of the QA/QC review noting any deficiencies in or agreeing with the mapping results and the results of all automated or manual QA/QC steps taken during the independent QA/QC review; and
- Recommendations to resolve any problems that are identified during the independent QA/QC review.

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/firm_gsam.pdf.

SECTION 2—TECHNICAL AND ADMINISTRATIVE SUPPORT DATA SUBMITTAL

The Project Team members for this Flood Map Project that have responsibilities for activities included in this MAS shall comply with the data submittal requirements summarized below.

All supporting documentation for the activities in this Mapping Activity Statement shall be submitted in the TSDN format in accordance with Appendix M of the FEMA *Guidelines and Specifications for Flood Hazard Mapping Partners*, dated April 2003. Appendix M is available for viewing or download on the FEMA Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf. Table 2-1 indicates the sections of the TSDN that apply to each mapping activity.

If any issues arise that could affect the completion of an activity within the proposed scope or budget, the responsible Mapping Partner shall complete a Special Problem Report (SPR) as soon as possible after the issue is identified and submitted to FEMA. The SPR is to describe the issue and propose possible resolutions. (For additional information on SPRs, refer to Appendix M, Subsection M.2.1.1 of *Guidelines and Specifications for Flood Hazard Mapping Partners*.)

The Wisconsin DNR has developed an electronic form of the TSDN format that contains the following information and files:

DIRECTORY	CONTAINS THESE FILES
\TSDN	
\Draft_Flood_Insurance_Study_Report	<ul style="list-style-type: none"> • Draft FIS text • Summary of discharges table • Floodway data table and flood profiles (in one PDF file named 'Exhibits.pdf')
\Engineering_Analyses	
\Hydraulic_Analyses	<ul style="list-style-type: none"> • Hydraulic analyses index • Key to cross section labeling • All supporting hydraulic model files
\Hydrologic_Analyses	<ul style="list-style-type: none"> • Hydrologic analyses index • All supporting hydrologic model files
\Other_Analyses	<ul style="list-style-type: none"> • Supporting files for other analyses • Key to transect labeling (coastal analyses only) • 'Readme' file

\General_Correspondence	
\Contact_Reports	<ul style="list-style-type: none"> • Contact reports index • Supporting contact documentation
\General_Correspondence	<ul style="list-style-type: none"> • All general correspondence • 'Readme' file
\Meeting_Minutes	<ul style="list-style-type: none"> • Meeting minutes / reports index • Supporting meeting documentation
\Special_Problem_Reports	<ul style="list-style-type: none"> • SPR index • Individual special problem reports
\Telephone_Conversation_Records	<ul style="list-style-type: none"> • Telephone conversation documentation • 'Readme' file
\Mapping_Information	<ul style="list-style-type: none"> • Mapping information index • Work map delineation summary • Supporting mapping files (map images, CAD/GIS files, etc.)
\Miscellaneous_Reference_Materials	<ul style="list-style-type: none"> • Miscellaneous reference materials index • Supporting miscellaneous files

SECTION 3—PERIOD OF PERFORMANCE

The mapping activities outlined in this MAS will begin on September 1, 2004, and will be completed no later than September 1, 2005. The mapping activities may be terminated at the option of FEMA or WDNR in accordance with the provisions of the Partnership Agreement dated September 14, 2001. If these Mapping Activities are terminated; the remaining funds from uncompleted activities, provided by FEMA for this Mapping Activity Statement, will be returned to FEMA.

SECTION 4—FUNDING/LEVERAGE

FEMA is providing funding, in the amount of _____ to WDNR for the completion of this Flood Map Project. WDNR shall provide any additional resources required completing the assigned activities for this Flood Map Project.

SECTION 5—STANDARDS

The standards relevant to this Mapping Activity Statement are provided in Tables 5-1 and 5-2. Information on the correct volume, appendix, section, or subsection of the FEMA *Guidelines and Specifications for Flood Hazard Mapping Partners* to be referenced for each mapping activity are summarized in Table 5-2.

These Guidelines are available for viewing or download from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/fhm/dl_cgs.shtm.

Table 5-1. Applicable Standards for Project Activities

Applicable Standards	Activities															
	1	2	3	4	5	6	7	8	9	10, 10A, 10B	11	12	13, 13A	14, 14A	15	16
<i>Guidelines and Specifications for Flood Hazard Mapping Partners</i> , April 2003	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
American Congress on Surveying and Mapping Procedures	X		X	X	X											
Global Positioning System (GPS) Surveys: National Geodetic Survey (NGS-510), "Guidelines for Establishing GPS-Derived Ellipsoid Heights," November 1997	X		X	X	X											
Engineer Manual 1110-1-1000, <i>Photogrammetric Mapping</i> (USACE), July 1, 2002	X		X	X	X											
Engineer Manual 1110-2-1003, <i>Hydrographic Surveys</i> (USACE), January 1, 2002	X		X													
"Numerical Models Accepted by FEMA for NFIP Usage," Updated April 2003	X					X	X	X	X							
<i>Content Standard for Digital Geospatial Metadata</i> (Federal Geographic Data Committee), 1998	X	X		X	X					X	X	X	X	X	X	X
<i>Document Control Procedures Manual</i> , December 2000	X	X													X	X
<i>44 Code of Federal Regulations Part 66 and 67</i>		X														

Table 5-2. Project Activities and Applicable Portions of FEMA Guidelines and Specifications

Activity Number	Activity Description	Applicable Volume, Section/Subsection, and Appendix
1	Scoping	Appendix I and N, Scoping Report document attached in Appendix A to this Mapping Activity Statement
2	Outreach	44 Code of Federal Regulations Part 66 and 67
3	Field Surveys and Reconnaissance	Volume 1, Section 1.4 (specifically Subsection 1.4.2.1) Appendix A, Sections A.4, A.5, A.6, A.7, and A.8 Appendix F, Section F.3 Appendices B, C, M and N
4	Topographic Data Development	Volume 1, Section 1.4 (specifically Subsection 1.4.2.1) Appendix A, Sections A.2, A.3, A.7, and A.8 Appendix M and N
5	Independent QA/QC Review of Topographic Data	Volume 1, Section 1.4 (specifically Subsections 1.4.1 and 1.4.2.1) Appendix A, Sections A.2, A.3, A.7 (specifically Subsection A.7.5), and A.8 (specifically Subsection A.8.6) Appendix M
6	Hydrologic Analyses	Volume 1, Section 1.4 (specifically Subsections 1.4.2.2 and 1.4.2.4) Appendix A, Section A.4 Appendix C, Sections C.1 and C.7 Appendices E, F, G, H, M and N
6A	Coastal Hazard Analyses	Volume 1, Section 1.4 (specifically Subsection 1.4.2.2) Appendix A, Section A.4 Appendices B, D, M and N
7	Independent QA/QC Review of Hydrologic Analyses	Volume 1, Section 1.4 (specifically Subsection 1.4.1) Appendix A, Section A.4 Appendix C, Section C.2 Appendices E, F, G, H, and M

Table 5-2. Project Activities and Applicable Portions of FEMA Guidelines and Specifications (Cont'd)

Activity Number	Activity Description	Applicable Volume, Section/Subsection, and Appendix
7A	Independent QA/QC Review of Coastal Hazard Analyses	Volume 1, Section 1.4 (specifically Subsection 1.4.1) Appendix A, Section A.4 Appendices B, D, and M
8	Hydraulic Analyses	Volume 1, Section 1.4 (specifically Subsections 1.4.2.2 and 1.4.2.4) Appendix A, Section A.4 (specifically Subsection A.4.7) Appendix C, Sections C.3 and C.7 Appendices B, E, F, G, H, M and N
9	Independent QA/QC Review of Hydraulic Analyses	Volume 1, Section 1.4 (specifically Subsection 1.4.1) Appendix A, Section A.4 (specifically Subsection A.4.7) Appendix C, Section C.5 Appendices B, E, F, G, H, and M
10	Floodplain Mapping (Detailed Riverine or Coastal Analysis)	Volume 1, Section 1.4 (specifically Subsection 1.4.2.3) Appendix C, Sections C. 4 and C.6 Appendix D, Sections D.2 (specifically Subsection D.2.7) and D.3 (specifically Subsection D.3.7) Appendices E, F, G, H, K, L, M and N
10A	Floodplain Mapping (Redelineation Using Effective Flood Profiles and Updated Topographic Data)	Volume 1, Section 1.4 (specifically Subsections 1.4.2.2 and 1.4.2.3) Appendix C, Section C.6 (specifically Subsection C.6.1.3) Appendices K, L, M and N
10B	Floodplain Mapping (Refinement or Creation of Zone A)	Volume 1, Section 1.4 (specifically Subsection 1.4.2.3) Appendix C, Sections C.4 and C.6 Appendices K, L, M and N

Table 5-2. Project Activities and Applicable Portions of FEMA Guidelines and Specifications (Cont'd)

Activity Number	Activity Description	Applicable Volume, Section/Subsection, and Appendix
11	Independent QA/QC Review of Floodplain Mapping (Revised Areas)	Volume 1, Section 1.4 (specifically Subsections 1.4.1 and 1.4.2.3) Appendix C, Sections C.4 and C.6 Appendix D, Sections D.2 (specifically Subsection D.2.7) and D.3 (Subsection D.3.7) Appendices E, F, G, H, K, L, and M
12	Base Map Acquisition and Preparation	Volume 1, Section 1.3 (specifically Subsection 1.3.1.8) and 1.4 (specifically Subsections 1.4.3.1 and 1.4.3.2)
13	DFIRM Production (Non-Revised Areas)	Appendix A, Section A.1 (specifically Subsection A.1.1)
13A	Independent QA/QC Review of DFIRM Production (Non-Revised Areas)	Volume 1, Section 1.4 (specifically Subsections 1.4.2.2, 1.4.2.3, and 1.4.3.2) Appendices K, L, M and N
14	DFIRM Production (Merging Revised and Non-Revised Areas)	Volume 1, Section 1.4 (specifically Subsections 1.4.2.3 and 1.4.3.3) Appendices K, L, M and N
14A	DFIRM Production (Application of FEMA Graphics and Database Specifications)	Volume 1, Section 1.4 (specifically Subsections 1.4.2.3, 1.4.3.3, 1.4.3.9, and 1.4.3.10) Appendices K, L, M and N
14B	Independent QA/QC Review of DFIRM Product Meeting FEMA Graphics and Database Specifications	Volume 1, Section 1.4 (specifically Subsections 1.4.2.3, 1.4.3.3, 1.4.3.9, and 1.4.3.10) Appendices K, L, and M
15	Preliminary DFIRM and FIS Report Distribution	Volume 1, Sections 1.4 (specifically Subsections 1.4.2 and 1.4.3) and 1.5 (specifically Subsection 1.5.1) Appendices J, K, L, and M
16	Post-Preliminary Processing	Volume 1, Section 1.5 (specifically Subsection 1.5.2) Appendices J, K, L, and M

SECTION 6—SCHEDULE

The activities documented in this MAS shall be completed in accordance with the project schedule below. If changes to this schedule are required, the responsible Mapping Partner shall coordinate with FEMA and the other Mapping Partners in a timely manner.

ACTIVITIES	RESPONSIBLE PARTNER(S)	DATE DUE
Activity 14A – Application of DFIRM Graphic and Database Specifications	WDNR	12/01/04
Activity 14B – Independent QA/QC Review of DFIRM Product Meeting FEMA Graphic and Database Specifications	WDNR	2/28/05

SECTION 7—CERTIFICATIONS

Certifications must be made at the time the intermediate data is submitted. Relevant certifications are indexed to the following activities:

Field Surveys and Topographic Data Development (Activities 3 and 4)

A Registered Professional Engineer or Licensed Land Surveyor shall certify topographic data, in accordance with 44 CFR 65.5(c). Certification of topographic data by the American Society for Photogrammetry and Remote Sensing is also acceptable.

Hydrologic and Hydraulic Analyses and Floodplain Mapping (Activities 6, 8, 10, 10A and 10B)

- A Registered Professional Engineer shall certify hydrologic and hydraulic analyses and data in accordance with 44 CFR 65.6(f).
- A Registered Professional Engineer or Licensed Land Surveyor shall certify topographic information in accordance with 44 CFR 65.5(c).
- Any levee systems to be accredited will be certified in accordance with 44 CFR 65.10(e).

Floodplain Mapping, DFIRM Production and Application of FEMA Graphics and Database Specifications (Activities 10, 10A 10B, 11, 13, 14, and 14A)

The DFIRM metadata files shall include a description of the horizontal and vertical accuracy of the DFIRM base map and floodplain information.

Base Map Acquisition and Preparation (Activity 12)

A community official or responsible party shall provide written certification that the digital data meet FEMA minimum standards and specifications.

- The responsible Mapping Partner shall provide documentation that the digital base map can be used by FEMA. Please note that uploading base map data to the MIP does not constitute agreement that the digital base map can be used by FEMA. Documentation that the digital base map can be used by FEMA will still be required.

SECTION 8—TECHNICAL ASSISTANCE AND RESOURCES

Project Team members may obtain copies of FEMA-issued LOMCs, archived engineering backup data, and data collected as part of the Mapping Needs Assessment Process from the NSP, who may be contacted by telephone at (312) 707-8770 or by facsimile at (312) 707-8804.

General technical and programmatic information, such as FEMA 265 and the Quick-2 computer program, can be downloaded from the FEMA Web site (<http://www.fema.gov/fhm/>). Specific technical and programmatic support may be provided through the NSP; such assistance should be requested through the FEMA Project Officer specified in Section 12 of this MAS.

Project Team members also may consult with the FEMA Regional Project Officer to request support in the areas of selection of data sources, digital data accuracy standards, assessment of vertical data accuracy, data collection methods or subcontractors, and GIS-based engineering and modeling training.

SECTION 9—CONTRACTORS

WDNR intends to use the services of a contractor for this Flood Map Project. WDNR shall ensure that the procurement for all contractors used for this Flood Map Project complies with the requirements of 44 CFR 13.36. Part 13 may be downloaded in PDF or text format from the U.S. Government Printing Office Web site at http://www.access.gpo.gov/nara/cfr/waisidx_04/44cfr13_04.html.

SECTION 10—REPORTING

FINANCIAL REPORTING:

Because FEMA has provided funding to the WDNR, financial reporting requirements for the WDNR will be in accordance with Articles V and VI of the Articles of Agreement.

STATUS REPORTING

WDNR shall use Earned Value Management System (EVMS) concepts in reporting on status of the project defined by the activities of this Mapping Activity Statement. The EVMS data shall be entered into the web-based Monitoring of Contracted Studies (MICS) or a similar project database module expected to replace MICS at FEMA's new Management Information Portal (MIP) by March 2005. The FEMA Project Officer shall be responsible for providing an EVMS Project Summary Report back to

WDNR every 30 days based on a routine export and summary analysis of MICS entries. A report shall also be provided to the FEMA Assistance Officer. The Assistance officer will waive the written quarterly status reports (reference 44 CFR Part 13.40, *Monitoring and Reporting Program Performance*) after evaluation of the timely submittal of the required information by WDNR. However, this shall not affect the financial reporting requirements (reference 44 CFR Part 13.41, *Financial Reporting*).

EVMS baseline data, consisting of start date, end date and all budgeted federal and non-federal resources, shall establish the basis for tracking percent complete and funds expended to date on the project. WDNR shall work with the FEMA Project Officer at the beginning of the project to establish acceptable sub-project tasking for which percent complete and actual cost shall be tracked against baseline data. In general, these tasks shall be derived from major activities enumerated in the table provided at Section 6 of this statement. The tasking will be entered with sufficient resolution to allow project managers the ability to determine which tasks carry the potential for significant cost or schedule variances. Percent complete and actual cost shall be updated with a minimum frequency of 30 days if the project is active. The comment section provided at each MICS task entry should be used as necessary to assist in reporting project status.

Subject to Project Management Team decisions, the WDNR Project Manager may also be responsible for coordinating the production of project status report or "Report to Stakeholders" document. Ideally, this document would be published quarterly and distributed through a web-based posting. Otherwise, FEMA and its NSP contractor may request to meet with WDNR on a routine basis (up to bi-weekly if needed) to review the progress of the project. These meetings will alternate between FEMA's Regional Office, the WDNR office and conference calls as necessary.

Section 11 PROJECT COORDINATION

Throughout the project, all members of the Project Team will coordinate, as necessary, to ensure the products meet the technical and format specifications required and contain accurate, up-to-date information. Coordination activities shall include:

Meetings, teleconferences, and videoconferences with FEMA and other Project Team members monthly;

- Telephone conversations with FEMA and other Project Team members on an ad hoc basis, as required;

Updates to the MICS, Mapping Needs Update Support System database, and other FEMA status information systems in accordance with requirements in Volumes 1 and 3 of *Guidelines and Specifications for Flood Hazard Mapping Partners*; and

- E-mail, facsimile transmissions, and letters, as required.

SECTION 12—POINTS OF CONTACT

The CTP Project Manager is Amanda Schwoegler-Boos or subsequent personnel of comparable experience who are appointed to fulfill these responsibilities. Amanda Schwoegler-Boos will also serve as WDNR Project Engineer for execution of this MAS. The FEMA contacts are: Ken Hinterlong, Project Officer, and Lee Traeger, Technical Monitor. The NSP representative for this MAS is Mark Hoskins, P.E., Technical Manager for the NSP Regional Management Center located in Chicago.

Each party has caused this Mapping Activity Statement to be executed by its duly authorized representative.



f/07 Terry Fell, Chief
Hazard Identification and Risk Assessment Branch
Federal Emergency Management Agency, Region V

8-26-04

Date



Richard Wedepohl, Chief
Dam, Floodplain and Shoreland Management Section
Bureau of Watershed Management
Wisconsin Department of Natural Resources

9/9/04

Date