

Appendix B

Planning Process Documentation

**Maricopa County Multi-Jurisdictional Hazard Mitigation Plan
List of Local Planning Team Members**

| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Planning Team Role / Description of Duties |
|--------------------|---|------------------------------------|-----------------------------------|---|
| AVONDALE | | | | |
| Art Snapp | City of Avondale | Fire Rescue | Division Chief | Team Lead |
| Dan Davis | City of Avondale | Parks, Rec and Library | Department Head | Team Member |
| Ken Sowers | City of Avondale | Building | Chief Building Official | Team Member |
| Sue McDermott | City of Avondale | Engineering | City Engineer | Team Member |
| Janet Stewart | City of Avondale | Field Operations | Department Head | Team Member |
| Kevin Artz | City of Avondale | Finance and Budget | Department Head | Team Member |
| Kenin Hinderleider | City of Avondale | I.T. | Department Head | Team Member |
| Wayne Janis | City of Avondale | Water Resources | Department Head | Team Member |
| Allen Iampaglia | City of Avondale | Risk Management | Department Head | Team Member |
| Brian Berndt | City of Avondale | Development Services | Director | Team Member |
| Tracy Stevens | City of Avondale | Development Services | Planning Manager | Team Member |
| Janeen Gaskins | City of Avondale | City Managers Office | Grants Manager | Team Member |
| Pier Simeri | City of Avondale | Community Relations/Public Affairs | PIO Director | Team Member |
| Roger Parker | City of Avondale | Fire Rescue | Fire Marshal | Team Member |
| Gina Montes | City of Avondale | Neighborhood/Family Services | Department Head | Team Member |
| Nancy Gardner | City of Avondale | Police | Lt-SWAT | Team Member |
| BUCKEYE | | | | |
| Dewey Horton | Buckeye Fire Department | Fire/ Emergency Services | Assistant Chief | Lead POC for Town of buckeye |
| Carl Johnson | Buckeye Police Department | Police/ Emergency Services | Sergeant | Assist with assesments |
| Damon DeQuenne | Town of Buckeye | Public Works/ Emergency Services | Director | Assist with assesments |
| CAREFREE | | | | |
| Patrick Farmer | Town of Carefree | Town Administration | Town Marshal | Emergency Management Coordinator and Town Marshal |
| Gary Neiss | Town of Carefree | Marshal's Office | Town Administrator | EM Committee and Town Administrator |
| Janeen Dutcher | Town of Carefree | Town Administration | Administrative Assistant | EM Committee and Administrative Assistant |
| Stan Francom | Town of Carefree | Water Services and Public Works | Director | EM Committee and Director of Water Services And Public Works |
| John Kraetz | Rural Metro | Carefree Fire Station | Fire Chief | EM Committee and Fire Chief Carefree Fire Station (Rural Metro) |
| CAVE CREEK | | | | |
| Adam Stein | Town of Cave Creek | Marshal's Office | Town Marshal | Primary Community Point of Contact, MJPT participant, local team organizer. |
| Carrie Dyrek | Town of Cave Creek | Town Clerk | Town Clerk | Local Team |
| Mike Rigney | Town of Cave Creek | Utilities | Asst. Utilities Manager | Local Team |
| Wayne Anderson | Town of Cave Creek | Engineering | Town Engineer | Local Team |
| Ian Cordwell | Town of Cave Creek | Planning and Zoning | Planning and Zoning Administrator | Local Team |
| Michael Baxley | Town of Cave Creek | Building Safety | Building Official | Local team |
| Usama Abujbarah | Town of Cave Creek | Administration | Town Manager | local Team |
| John Kraetz | Rural Metro Fire Department | Fire Department | District Chief | Local Team |

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| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Planning Team Role / Description of Duties |
|-------------------|---|-----------------------------------|------------------------------------|---|
| CHANDLER | | | | |
| Jeff Clark | City of Chandler | Fire | Fire Chief | Fire Department Senior Management |
| Marc Walker | City of Chandler | Fire | Assistant Fire Chief | Chair for City Emergency Management Group |
| Tom Carlson | City of Chandler | Fire | Assistant Fire Chief | Fire Department Senior Management |
| Rob McLeod | City of Chandler | Fire | Battalion Chief | City Emergency Management Group |
| Bob Mulvey | City of Chandler | Municipal Utilities | Asst. Municipal Utilities Director | City Emergency Management Group |
| Brian Bosshardt | City of Chandler | City Managers Office | Organizational Dev. Admin. | City Emergency Management Group |
| Carla Boatner | City of Chandler | City Magistrate | Court Administrator | City Emergency Management Group |
| Connie Reynolds | City of Chandler | Risk Management | Occupational Health Nurse | City Emergency Management Group |
| Craig Younger | City of Chandler | Communications and Public Affairs | Public Information Officer | City Emergency Management Group |
| Dan Cook | City of Chandler | Public Works | Deputy Director | City Emergency Management Group |
| Dave Bigos | City of Chandler | Mayor and City Council | Mayor and Council Assistant | City Emergency Management Group |
| Ed Krupinski | City of Chandler | Risk Management | Safety Administrator | City Emergency Management Group |
| Gary Hargis | City of Chandler | Parks and Facilities | Planner/Scheduler | City Emergency Management Group |
| Jim Weiss | City of Chandler | Environmental Management | Environmental Prog. Manager | City Emergency Management Group |
| Judy Mandt | City of Chandler | Police | Planning and Research Analyst | City Emergency Management Group |
| Konrad Schuknecht | City of Chandler | Community Services | Parks Insp. & Emer. Oprs Plan. | City Emergency Management Group |
| Mike Smith | City of Chandler | Environmental Management | Environmental Prog. Specialist | City Emergency Management Group |
| Mitch Robinson | City of Chandler | Information Technology | Security Administrator | City Emergency Management Group |
| Paul Meissner | City of Chandler | Law | Assistant City Attorney | City Emergency Management Group |
| Robert Combs | City of Chandler | Purchasing | Purchasing/Materials Manager | City Emergency Management Group |
| Rudy Hansen | City of Chandler | Municipal Utilities | Security Coordinator | City Emergency Management Group |
| Shawn Hawkins | City of Chandler | Police | Police Lieutenant | City Emergency Management Group |
| Tiffany Anderson | City of Chandler | Police | Planning and Research Analyst | City Emergency Management Group |
| William Robinson | City of Chandler | Central Supply | Supply Supervisor | City Emergency Management Group |
| Boyd Dunn | City of Chandler | City Council | Mayor | City of Chandler Jurisdiction Council |
| Bob Caccamo | City of Chandler | City Council | Vice Mayor | City of Chandler Jurisdiction Council |
| Trinity Donovan | City of Chandler | City Council | Council Member | City of Chandler Jurisdiction Council |
| Rick Heumann | City of Chandler | City Council | Council Member | City of Chandler Jurisdiction Council |
| Matt Orlando | City of Chandler | City Council | Council Member | City of Chandler Jurisdiction Council |
| Jack Sellers | City of Chandler | City Council | Council Member | City of Chandler Jurisdiction Council |
| Jeff Weninger | City of Chandler | City Council | Council Member | City of Chandler Jurisdiction Council |
| EL MIRAGE | | | | |
| Darrell Rezendes | City of El Mirage | Fire Department | Fire Chief | Project Manager |
| Howard Munding | City of El Mirage | Fire Department | Assistant Fire Chief | Facilitator |
| Mark Smith | City of El Mirage | Community Development | Senior Planner | Team Member |
| William Louis | City of El Mirage | Police Department | Assistant Police Chief | Team Member |
| Robert Senita | City of El Mirage | Public Works Department | Operations Superintendent | Team Member |

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List of Local Planning Team Members**

| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Planning Team Role / Description of Duties |
|--|---|-----------------------------------|----------------------------------|---|
| FLOOD CONTROL DISTRICT OF MARICOPA COUNTY | | | | |
| Tim Murphy | FCDMC | Floodplain Delineation Branch | Branch Manager | Team Member - Floodplain delineations information, levee data |
| Michael Gease | FCDMC | Floodplain Management Services | Floodplain Planning Specialist | Team Member - Floodplain management, NFIP, CRS |
| Lee Jimenez | FCDMC | Floodplain Management Services | Floodplain Representative | Team Member - Floodplain management |
| Steve Waters | FCDMC | Flood Warning Branch | Branch Manager | Team Member - Flood warning, ALERT data, EAP |
| Jen Pokorski | FCDMC | Planning and Project Management | Project Manager | Team Member - Planning and projects |
| Tom Renckly | FCDMC | Structures Management Branch | Branch Manager | Team Member - Dam safety and management |
| Bill Jenkins | FCDMC | Structures Management Branch | Project Manager | Team Member - Dam safety and management |
| FOUNTAIN HILLS | | | | |
| Scott LaGreca | Fountain Hills Fire Department | | Fire Chief | Leader of Planning Team |
| Randy Roberts | Fountain Hills Fire Department | | Assistant Chief | Liaison to Town Officials |
| Tom Ward | Town of Fountain Hills | Public Works | Public Works Director | Represent Public Works' role in mitigation |
| Julie Ghetti | Town of Fountain Hills | Administration | Deputy Town Manager | Provide finance and planning direction/ represent Town Administration |
| Kevin Hennis | Fountain Hills Fire Department | | Fire Captain | Provide input and support to the Team |
| John Kleinheinz | Maricopa County Sheriff's Office | | Captain | Provide Law Enforcement input |
| Pat Lay | Fountain Hills Fire Department | | Firefighter | Provide input and support to the Team |
| FORT MCDOWELL YAVAPAI NATION | | | | |
| Tom Christmas | Fort McDowell Yavapai Nation | Fire Department | Fire Chief | Risk Assessment and Program Manager |
| Jesse Delmar | Fort McDowell Yavapai Nation | Police Department | Police Chief | Assist program manager with risk assessments |
| Jim Alebras | Fort McDowell Yavapai Nation | Public Works | Public Works Manager | Manage on-site mitigation projects |
| Mark Frank | Fort McDowell Yavapai Nation | Environmental Department | Acting Director | Evaluate environmental impact of mitigation projects |
| Alfonso Rodriguez | Fort McDowell Yavapai Nation | Community/Economic Development | Division Director | Prioritize mitigation projects |
| Joe Kanovich | Fort McDowell Yavapai Nation | Planning and Development | Infrastructure Coordinator | Liaison with jurisdictions impacted by mitigation projects |
| Albert Parra | Fort McDowell Yavapai Nation | Finance Department | Chief Financial Officer | Provide Funding for mitigation projects |
| Clinton Pattea | Fort McDowell Yavapai Nation | Tribal Council | President | Elected official representing government |
| Bernadine Burnette | Fort McDowell Yavapai Nation | Tribal Council | Vice president | Elected official representing government |
| Pamela Mott | Fort McDowell Yavapai Nation | Tribal Council | Treasurer | Elected official representing government |
| Paul Russell | Fort McDowell Yavapai Nation | Tribal Council | Member | Elected official representing government |
| Ruben Balderas | Fort McDowell Yavapai Nation | Tribal Council | Member | Elected official representing government |
| GILA BEND | | | | |
| Harry Parsi | Town of Gila Bend | Public Works Department | Director | CPOC and team lead |
| Rick Buss | Town of Gila Bend | Administration | Town Manager | Assist in preparing all elements of the plan |
| GILBERT | | | | |
| Sheri Gibbons | Gilbert Fire Department | Emergency Management | Emergency Management Coordinator | Facilitator |
| Lonnie Frost | Public Works Department | | Director Public Works | |
| Kathy Rall | Public Works Department | Water Department | Water Resource Manager | |

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List of Local Planning Team Members**

| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Planning Team Role / Description of Duties |
|-------------------|---|-----------------------------------|---|--|
| GLENDALE | | | | |
| Debra Sheff | City of Glendale | Emergency Management | Operations & Training Officer | Point of Contact/Facilitator and Local Planning Team Coordinator |
| Rob Gunter | City of Glendale | Emergency Management | Homeland Security Director | Emergency Management Director |
| Peter Kulikowski | City of Glendale | Planning | Associate Planner | Planning Department Representative |
| Jessica Eastman | City of Glendale | Planning | Planning Technician | Planning Department Representative |
| Jon Froke | City of Glendale | Planning | Planning Director | Planning Director |
| Chris DeChant | City of Glendale | Fire Department | Asst. Fire Chief | Fire Department Representative |
| Chris Ochs | City of Glendale | Utilities | Deputy Utility Director | Deputy Utility Director |
| Delvin Fung | City of Glendale | Information Technology | Sr. GIS Analyst | GIS Analyst |
| Christina Montoya | City of Glendale | Information Technology | Systems Administrator | IT Representative |
| Kerri Logan | City of Glendale | Transportation | Sr. Management Assistant | Transportation Representative |
| Mike Conlin | City of Glendale | Engineering | GIS Coordinator | GIS Coordinator |
| Greg Rodzenko | City of Glendale | Engineering | Asst. City Engineer | Engineering Representative |
| Larry Broyles | City of Glendale | Engineering | City Engineer | City Engineer |
| Stuart Kent | City of Glendale | Field Operations | Field Operations Director | Field Operations Director |
| Michelle Woytenko | City of Glendale | Field Operations | Deputy Field Operations Dir. | Deputy Field Operations Dir. |
| Frank Lomeli | City of Glendale | Field Operations | Deputy Field Operations Dir. | Deputy Field Operations Dir. |
| Christina Betz | City of Glendale | Field Operations | Landfill Superintendent | Field Operations Representative |
| Justine Cornelius | City of Glendale | Building Safety | Building Safety Manager | Building Safety Representative |
| Matt Lively | City of Glendale | Police Department | Commander | Police Representative |
| Bryan Hill | City of Glendale | Police Department | Police Crime/Statistics Analyst | GIS Representative |
| Ken Reedy | City of Glendale | Public Works | Deputy City Manager | Sr. City Representative |
| Julie Frisoni | City of Glendale | | Asst Deputy City Manager | Asst. Deputy City Manager |
| Kim Larson | City of Glendale | Marketing & Communications | Coordinator | Marketing & Communications Representative |
| Matt Cohrs | City of Glendale | Community Partnerships | Neighborhood Partnerships Administrator | Community Partnerships Representative |
| GOODYEAR | | | | |
| Othell Newbill | City of Goodyear | Fire | Emergency Manager | Primary POC |
| Chri Nadeau | City of Goodyear | Police | Telecommunications Manager | Police representative |
| Ron Sievwright | City of Goodyear | Public Works | Streets Superintendant | Public Works representative - asset inventory |
| Bill Bishop | City of Goodyear | Fire | BC, Training | Fire Dept representative |
| Darrin Green | City of Goodyear | Fire | Captain, Training, TLO | Fire Dept representative |
| Jeff Thomas | City of Goodyear | | | |
| David Ramirez | City of Goodyear | Engineering | City Engineer | Engineering representative - mitigation strategy and capability assessment |

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|---|---|---|---|---|
| GUADALUPE | | | | |
| Francisco Montiel - Mayor | Policy Group | Council | Mayor and Council | Policy Group |
| Rose Mary Arellano - Town Manager | Emergency Services Coordinator | Operations | Town Manager | Emergency Services Coordinator |
| Gino Turrubiarres | Community Development | Community Development | Director | Planning Group |
| Jim Ricker | Building and Safety | Building and Safety | Building Inspector | Planning Group |
| Wayne Clemens | Fire Department | Fire Department | Interim Fire Chief | Emergency Services Coordinator |
| Loren Gaitan | MSSO | Sherriff | Deputy Officer | Emergency Services Coordinator |
| Loren Gaitan | MSSO | Sherriff | Deputy Officer | Planning Group |
| Rose Mary Arellano - Town Manager | Public Works/Town Clerk | Public Works | Town Manager | Planning Group |
| Rose Mary Arellano - Town Manager | Human Resources | Operations | Town Manager/Town Clerk | Planning Group |
| Mark Johnston | I.T. | Finance Department | Finance Director | Logistics Group |
| Gino Turrubiarres | Community Development | Community Development | Director | Logistics Group |
| Mark Johnston | Finance Department | Finance Department | Finance Director | Finance |
| LITCHFIELD PARK | | | | |
| Sonny Culbreth | City of Litchfield Park | City Manager; Community Services | Asst. City M, Community & Recreation Services Directoranager | Emergency Management Coordinator |
| Chuck Ransom | City of Litchfield Park | Building/Public Works | Building Official/Director of Field Operations | Support, road closures, resource provider |
| John Rae | City of Litchfield Park | Building/Safety | Building and Safety inspector | Support,safety inspections |
| Ben Ronquillo | City of Litchfield Park | Finance | Director of Finance | Budget management, grant requests, Emergency expenditure tracking |
| MARICOPA COUNTY DEPARTMENT OF EMERGENCY MANAGEMENT | | | | |
| Cristina Herrera | Maricopa County | Department of Emergency Management | Emerg Srvs Planner | Project Coordinator/Provide direction and approve final updated plan draft. |
| Julie Syrmopoulos | Maricopa County | Regional Development Services | Public Relations Director | Team Member/Coordinate public involvement/public comment/public outreach |
| Pete Weaver | Maricopa County | Department of Emergency Management | Director | Team Member/Plan promulgation |
| Meredith Bond | Maricopa County | Department of Emergency Management | Office Assistant | Team Member/Provide administrative support |
| Glen Floe | Maricopa County | Department of Emergency Management | Emerg Srvs Planner | Team Member/Provide assistance with cities and towns. |
| Jim Begansky | Maricopa County | Department of Emergency Management | Emerg Srvs Planner | Team Member/Provide assistance with cities and towns. |
| Richard Langevin | Maricopa County | Department of Emergency Management | Emerg Srvs Planner | Team Member/Provide assistance with cities and towns. |
| John Padilla | Maricopa County | Department of Emergency Management | Emerg Srvs Planner | Team Member/Provide assistance with cities and towns. |
| Jennifer Hamilton | Maricopa County | Department of Emergency Management | Emerg Srvs Planner | Team Member/Provide assistance with cities and towns. |
| Marcos Coria | Maricopa County | Department of Emergency Management | GIS Programmer | GIS data support |
| MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION | | | | |
| John J. Rose | Maricopa County/Public Works | MCDOT/PM & Construction/Survey | Transportation Survey Chief/Emergency Management Representative | Leader/Coordinate activities for MCDOT |
| Mitch Wagner | Maricopa County/Public Works | MCDOT/Planning/Transportation system Planning | Planner | Team member/Meeting participant |
| John Morast | Maricopa County/Public Works | MCDOT/Operations | Division Manager | Team Member/Maintenance expert |
| Kevin Kottmer | Maricopa County/Public Works | MCDOT/PM & Construction/Construction Management | Civil Engineering Technician | Team Member/FEMA trained participant |
| Andrzej Wojakiewicz | Maricopa County/Public Works | MCDOT/Engineering/Bridge | Bridge Engineer | Team Member/Structures Expert |
| Wayne Butch | Maricopa County/Public Works | MCDOT/Engineering/Utilities | Utilities Head | Team Member/Utilities Expert |
| David Fritz | Maricopa County/Public Works | MCDOT/Engineering/In-House Design | Design Engineer | Team Member/Road Design Expert |

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List of Local Planning Team Members**

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|------------------------|---|---|--|--|
| MESA | | | | |
| Richard Ochoa | Energy Resources | Gas Division | Emergency Management Liaison from Mesa Utilities | Provide expertise to the Mitigation Planning Team as it relates to the Natural Gas resources |
| Kelly Jensen | Engineering | Design and Construction projects | Assistant City Engineer | Provide general guidance to the team including construction and development projects |
| Fred Rustam | Engineering | Design projects | Deputy City Engineer | Provide guidance to the team relating to flood plain, subsidences and fissures. |
| Richard Bradford | Water Resources Dept | Wastewater | Assistant Director Wastewater | Provide general information to Emergency management as it relates to wastewater treatment. |
| Paul Calebaugh | Information Technology (ITD) | Emergency Management rep liaison to Information Technology Div. | Project Manager III, Business Continuity Planner for ITD | Provide general information to Emergency management as it relates to the ITD |
| Tony Bianchi | ITD | GIS | GIS Supervisor | Provides mapping and other related information to Emerg Mngmt |
| Susan Miller | Water Resources Dept | Water | Assistant Water Resources Director | Provide input to the committee relating to water quality and quantity for the City of Mesa |
| Michael Kennedy | Water Resources Dept | Water | Water Treatment Superintendent | Responsible for water quality via CAP, Val Vista water treatment facilities |
| Larry Culp | Energy Resources | Gas Division | Gas Division Supervisor | Provide guidance and general information relating to the City of Mesa Gas Div |
| Scott Swain | Energy Resources | Electric Div | Electric Division Supervisor | Provide guidance and general information relating to the City of Mesa Electric Div |
| Ronnie Lopez | Water Resources Dept | Wastewater | Water Reclamation Superintendant | Provide general information to the group as it relates to wastewater. |
| Gil Damiani | Fire Dept | Emergency Management | City of Mesa Emergency Management Coordinator | Chair person and group facilitator |
| Jeff Rush | Information Technology Division | GIS Director | GIS Diresdtor | Provide guidance as it relates to GIS |
| PARADISE VALLEY | | | | |
| Jim Bacon | Town of Paradise Valley | Administration | Town Manager | Overall responsibility. |
| John Bennett | Town of Paradise Valley | Police Department | Chief of Police | Responsible for emergency preparation and response as well as the security of public buildings. The Police Department will notify town government and staff of a hazard. |
| Andrew Cooper | Town of Paradise Valley | Public Works | Public Works Director | Responsible for repair to public buildings and infrastructure after an identified hazard. Also responsible for maintenance of the town fleet. |
| Bill Mead | Town of Paradise Valley | Engineering | Town Engineer | Responsible for identifying damage to public infrastructure and restricting construction on hillsides and in washes. Also responsible to maintain Flood Plain maps. |
| Carl Hollish | Town of Paradise Valley | Management Svcs | Information Technology | Responsible for maintaining communications and GIS systems. |
| Robert Lee | Town of Paradise Valley | Planning & Building | Building Safety Mgr | Responsible for identifying damage to public buildings and routine inspections of washes. |
| PEORIA | | | | |
| Larry Rooney | City of Peoria | Fire Department | Deputy Fire Chief | advisor |
| Sandy Teetsel | City of Peoria | IT | Chief Technology Officer | advisor |
| Sherine Zaya | City of Peoria | Public Information Office | Public Information Officer | advisor |
| Walt Begley | City of Peoria | Public Works Department | Facilities Manager | advisor |
| Tim Smothers | City of Peoria | IT | GIS Supervisor | advisor |
| Bill Mattingley | City of Peoria | Public Works Department | Public Works Director | advisor |
| Stephen Bontrager | City of Peoria | Utilities Department | Utilities Director | advisor |
| Cathy Weistling | City of Peoria | Utilities Department | Management Analyst | advisor |
| Glenn Jones | City of Peoria | Fire Department | Emergency Preparedness Coord | advisor |
| David Barnett | City of Peoria | IT | Sr. IT Technician | advisor |
| Hope Bratton | City of Peoria | Fire Department | Administrative Assistant | advisor |
| Mike Fusco | City of Peoria | Safety | safety and training officer | advisor |

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|---------------------------|---|---|---|---|
| PHOENIX | | | | |
| Candace Huff | City of Phoenix | Aviation/Design & Construction Services Division | Special Projects Administrator | Aviation Design & Construction Liaison |
| Bobbie Reid | City of Phoenix | Aviation/Facilities and Services Division | Aviation Superintendent | Aviation Facilities Liaison |
| Jeff Barton | City of Phoenix | Budget & Research/Program Budgeting and Research Division | Deputy Budget & Research Director | Budgetary Liaison |
| Aaron Cook | City of Phoenix | City Auditor's Office | Internal Auditor III | Department Liaison |
| Lance Turcato | City of Phoenix | City Auditor's Office | Deputy City Auditor | Department Liaison |
| Gary Minton | City of Phoenix | City Clerk's Office/Records Management Division | Deputy City Clerk | Records and Electronic Media Liaison |
| Michael DeBenedetto | City of Phoenix | City Manager's Office/Office of Emergency Management | Emergency Management Coordinator | City Point of Contact |
| Jeri Todd | City of Phoenix | City Manager's Office/Office of Emergency Management | Administrative Assistant II | |
| Liz Paulus | City of Phoenix | City Manager's Office/Office of Environmental Programs | Environmental Programs Specialist | Environmental Liaison |
| Tom Buschatzke | City of Phoenix | City Manager's Office/Water Strategy | Water Resources Management Advisor | Water Resource Liaison |
| Mary Magewick | City of Phoenix | Community and Economic Development/Management Services Division | Management Assistant II | Department Liaison |
| Margo Dorrrough | City of Phoenix | Community and Economic Development | Administrative Assistant II | Department Liaison |
| Derek Horn | City of Phoenix | Development Services/Administration | Assistant Development Services Director | Building Code/Damage Assessment Liaison |
| Mo Glancy | City of Phoenix | Development Services/Commercial Services | Deputy Development Services Director | Building Code/Damage Assessment Liaison |
| Tauny Woo | City of Phoenix | Engineering and Architectural Services | City Engineer | Engineering and Architectural Liaison |
| Felissa Washington-Smith | City of Phoenix | Engineering and Architectural Services/Administrative Services | Administrative Assistant III | Engineering and Architectural Liaison |
| Colleen Nathans | City of Phoenix | Finance/Risk Management | Assistant Risk Management Administrator | Risk Management Liaison |
| Richard Beardsley | City of Phoenix | Housing/Administration | Deputy Housing Director | Department Liaison |
| Steve MacFarlane | City of Phoenix | Human Services/Management Services | HSD Planning Supervisor | Department Liaison |
| Randell Smith | City of Phoenix | Information Technology/Enterprise Technical Services | Chief Information Security Officer | Information Technology Liaison |
| Elaine Cardwell | City of Phoenix | Law Department/Management Services | Chief Counsel | Legal Counsel |
| Denton Casey (Alternate) | City of Phoenix | Law Department/Civil Division | Assistant City Attorney IV | Legal Counsel |
| Diana Noli Hill | City of Phoenix | Municipal Court/Civil Division | Municipal Court Administrator | Department Liaison |
| Doug Pilcher | City of Phoenix | Municipal Court/Administration | Executive Court Administrator | Department Liaison |
| Jason Harrell (Alternate) | City of Phoenix | Municipal Court/Management Services | Management Assistant II | Department Liaison |
| Danielle Taddy | City of Phoenix | Parks and Recreation/Specialized Maintenance and Aquatics | Special Operations Supervisor | Department Liaison |
| Boyd Winfrey | City of Phoenix | Parks and Recreation/ Development Planning Division | Principal Landscape Architect | Open Space Liaison |
| Lori Steward | City of Phoenix | Human Resources Department (formerly Personnel Department) | Labor Relations Administrator | Department Liaison |
| Max Enterline | City of Phoenix | Planning Department/Administration | Planner II | Planning/Zoning Liaison |
| Charlie Brueggeman | City of Phoenix | Police Department/ Administrative Support | Project Manager | Police Facilities Liaison |
| Susan Robustelli | City of Phoenix | Public Transit/Operations | Management Assistant II | Department Liaison |
| Christine Smith | City of Phoenix | Public Works/Downtown Facilities Management | Deputy Public Works Director | Public Works and City Facilities Liaison |
| Wylie Bearup | City of Phoenix | Street Transportation | Street Transportation Director | Street Transportation and Dam Liaison |
| Sandra Remy (Alternate) | City of Phoenix | Street Transportation | Management Services Administrator | Street Transportation and Dam Liaison |
| Robert Hollander | City of Phoenix | Water Services/Compliance Regulatory and Affairs | Compliance Regulatory and Affairs Administrator | Department Liaison |
| Steve Rossi | City of Phoenix | Water Services/Water Conservation Office | Principal Planner | Drought Management Liaison |

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|--|--------------------------------------|--|--------------------------------|--|
| QUEEN CREEK | | | | |
| Joe LaFortune | Town of Queen Creek | Fire Department | Public Safety Division Manager | Primary Coordinator; Provide information for fire and law enforcement related facilities and infrastructure. |
| Shawny Ekadis | Town of Queen Creek | Information and Marketing Department | GIS Manager | GIS mapping of critical and non-critical facilities and infrastructure |
| Dick Schaner | Town of Queen Creek | Transportation Department | Director | Provide information for transportation related facilities and infrastructure information |
| Jim Leubner | Town of Queen Creek | Community Development Department | Engineering Division Manager | Provide information for engineering related infrastructure, flood control plans, and geological conditions. |
| SALT RIVER PIMA-MARICOPA INDIAN COMMUNITY | | | | |
| Cliff Puckett | Salt River Indian Community (SRPMIC) | Emergency Management | Emergency Manager | Team Leader and facilitator |
| David Bunce | SRPMIC | Fire | Fire Chief | Team member |
| Greg Anderson | SRPMIC | Police | Police Captain | Team member |
| Todd Auger | SRPMIC | Engineering/Construction Services | Director | Team member |
| Jim Dorre | SRPMIC | Public Works | Director | Team member |
| Gene Andreas | SRPMIC | Public Works | Division Manager | Team member |
| Stacey Gubser | SRPMIC | Community Development | Director | Team member |
| SALT RIVER PROJECT | | | | |
| Patrick O'Toole | Salt River Project | Business Continuity & Emergency Management | Principal Analyst | CPOC |
| Ed Copp | Salt River Project | Business Continuity & Emergency Management | Manager | Resource |
| Tim Skarupa | Salt River Project | Water Resource Operations | Senior Hydrologist | Resource |
| Yvonne Reinink | Salt River Project | Water Resource Operations | Senior Engineer | Resource |
| Herjinder Hawkins | Salt River Project | Maintenance Engineering | Manager - Distribution Design | Resource |
| Karen Powell | Salt River Project | Line Clearing | Manager | Resource |
| Wayne Wisdom | Salt River Project | Electric System Operations | Manager | Resource |
| SCOTTSDALE | | | | |
| Lorenzo Jones | City of Scottsdale | Emergency Management | Emergency Management Officer | CPOC |
| Melanie Gibson | City of Scottsdale | Municipal Services | Project Management Assistant | Resource |
| Brian Hancock | City of Scottsdale | Planning and Development Services | GIS Analyst | Resource |
| Kerry Swick | City of Scottsdale | Fire Department | Battalion Chief | Resource |
| Bill Erickson | City of Scottsdale | Municipal Services | Senior Storm Water Planner | Resource |
| SURPRISE | | | | |
| Kevin Pool | City of Surprise | Fire Department | Assistant Fire Chief | Local team facilitator |
| Forrest Fielder | City of Surprise | Planning Department | Building Official | Building Official/Planning Department Representative |
| Robert Maki | City of Surprise | Public Works Department | City Engineer | City Engineer/planned projects |
| Lloyd Abrams | City of Surprise | IT/GIS Department | GIS Manager | GIS/I.T. support |
| TEMPE | | | | |
| Tom Abbott | City of Tempe | Fire | Deputy Chief | Coordinator |
| Ray Hardy | City of Tempe | Police | Commander | Police Liaison |
| John Osgood | City of Tempe | Public Works | Department Director | Public Works Liaison |
| Oliver Ncube | City of Tempe | Water Utilities | Assistant Director | Water Utilities Liaison |
| Cliff Jones | City of Tempe | Fire | Fire Chief | Emergency Manager |
| TOLLESON | | | | |
| John Paul Lopez | City Of Tolleson | City Management | Deputy City Manager | Resource |
| Stephen Holliday | City Of Tolleson | IT | Department Manager | Resource |
| Wendy Jackson | City Of Tolleson | Human Resource | Department Manager | Resource |
| Steve Baumgardt | City Of Tolleson | Finance | Department Manager | Resource |
| Mario Rochin | City Of Tolleson | Building Department | Department Manager | Resource |
| Wayne Booher | City Of Tolleson | Police Department | Commander | Resource |
| Joy McClain | City Of Tolleson | Community Services | Department Manager | Resource |
| Jason Earp | City Of Tolleson | Public Works | Department Manager | Resource |
| Bob Hansen | City Of Tolleson | Fire Department | Division Chief | City Lead |

**Maricopa County Multi-Jurisdictional Hazard Mitigation Plan
List of Local Planning Team Members**

| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Planning Team Role / Description of Duties |
|------------------|---|-----------------------------------|---------------------|---|
| WICKENBURG | | | | |
| Ronnie Miller | Town of Wickenburg | Police | Operations Director | Primary Community Point of Contact, MJPT participant, local team organizer. |
| Steve Boyle | Town of Wickenburg | Planning and Zoning | Manager | Team member/mitigation plan advisor |
| YOUNGTOWN | | | | |
| Mark Hannah | Town of Youngtown | Public Works | Manager | PPOC, Emergency Services Manager / Risk Manager |
| Kimberly Johnson | Town of Youngtown | Police | Chief | Resource |
| Duren Robertson | Town of Youngtown | Police | Lieutenant | Resource |
| Daniel Delgado | Town of Youngtown | Public Works | Lead Technician | Resource |
| Lloyce Robinson | Town of Youngtown | Administrative | Town Manager | Managerial Support |



Hazard Mitigation Planning Team Meeting Schedule

Meeting No. 1

January 15, 2009 Flood Control District of Maricopa County
 Start: 9 a.m. 2801 W. Durango Street
 End: 11 a.m. Phoenix, AZ Adobe Conference Room

Meeting No. 2

February 12, 2009 Maricopa County Department of Transportation
 Start: 9 a.m. 2901 W. Durango Street
 End: 11 a.m. Phoenix, AZ Apache Conference Room

Meeting No. 3

March 19, 2009 Maricopa County Planning and Development
 Start: 9 a.m. 501 N. 44th Street
 End: 11 a.m. Phoenix, AZ Gold Conference Room

Meeting No. 4

April 16, 2009 Flood Control District of Maricopa County
 Start: 9 a.m. 2801 W. Durango Street Operations Building
 End: 11 a.m. Phoenix, AZ Dreamy Draw Conference Room

Meeting No. 5

May 14, 2009 Maricopa County Department of Transportation
 Start: 9 a.m. 2901 W. Durango Street
 End: 11 a.m. Phoenix, AZ Apache Conference Room

Meeting No. 6

June 25, 2009 Maricopa County Department of Transportation
 Start: 9 a.m. 2901 W. Durango Street
 End: 11 a.m. Phoenix, AZ Apache Conference Room

Meeting No. 7

July 16, 2009 Flood Control District of Maricopa County
 Start: 9 a.m. 2801 W. Durango Street
 End: 11 a.m. Phoenix, AZ Adobe Conference Room

Revised 01/22/09

In 2003 and 2004, Maricopa County, two Indian Tribes, and all incorporated cities and towns in Maricopa County, participated in a multi-jurisdictional mitigation planning effort that resulted in the development of a multi-jurisdictional hazard mitigation plan with separate annexes that covered each participating jurisdiction. The Maricopa County Multi-Jurisdictional Hazard Mitigation Plan (2004 Plan) and all of the separate annex plans received official FEMA approval on November 29, 2004. The 2004 Plan was designed to meet the federal regulations set forth by the Disaster Mitigation Act of 2000 (DMA2K), which requires all local, county, tribal and state governments to develop a multi-hazard mitigation plan for their respective jurisdictions in order to be eligible to receive certain hazard mitigation and public assistance funds. The 2004 Plan is nearing the end of the 5-year planning cycle and is set to expire in November 2009.

The Maricopa County Department of Emergency Management (MCDEM) has applied for and received a planning grant to fund a multi-jurisdictional effort to review, update and consolidate the 2004 Plan, with resubmittal to FEMA prior to its expiration in November 2009. MCDEM has retained JE Fuller/Hydrology & Geomorphology, Inc. (JEF) to assist and guide the county, cities, towns and tribes through the update process and to prepare the new multi-jurisdictional multi-hazard mitigation plan (MJMHMP). The planning effort will also include the necessary planning efforts to provide Tribal Plans for the Fort McDowell Yavapai Nation and the Salt River Pima-Maricopa Indian Community should they choose to participate again.

PLANNING TEAM FORMULATION

The first step in this planning effort will be to reconstitute the Maricopa County Multi-Jurisdictional Planning Team (MJPT), which originally was comprised of one or more lead contacts for each participating jurisdiction. For this update planning process, there will be two primary levels of responsibility regarding the planning process. The first is the primary point of contact (PPOC) for the overall planning effort and the second is the community point of contact or contacts (CPOCs). Ms. Cristina Herrera of MCDEM will assume the PPOC role and will also serve as one of the CPOCs for the Unincorporated Maricopa County. The following guidelines are offered to assist each community in selecting one or more CPOCs and to aid the understanding of their role and what is expected of them in the planning process.

PPOC – throughout the planning process, the responsibilities of the PPOC will be:

- Contact, coordinate and organize the MJPT.
- Coordinate and follow-up with county representatives and incorporated communities regarding attendance and participation
- Organize and arrange for planning team meeting locations and facilities

CPOC – It is understood that it will likely not be possible for all interested parties from each jurisdiction to attend every MJPT meeting. Accordingly, each jurisdiction is requested to identify at least one and preferably two representatives to serve as the CPOCs. More are welcome if the jurisdiction chooses. The responsibilities of these individuals will be:

- Attend EVERY planning team meeting or make sure their community is represented otherwise. Each meeting will build on information discussed at the last meeting and complete attendance is crucial.
- Convey information received at the MJPT meetings to a jurisdiction-level Local Planning Team (LPT) and vice-versa.
- Ensure that all requested homework is completed fully and returned to JEF on a timely basis.
- Arrange for official adoption of plan document, when appropriate.

The roster of the LPT is left to the discretion of each jurisdiction. Because the focus is on mitigation planning, it is important that the LPT be comprised of individuals that serve a planning and project management role, as well as those involved in public safety and emergency management. The following is a recommended list of potential/typical departments and divisions that should be encouraged to attend:

- Public Works
- Development Services
- Planning and Zoning
- Flood Control Districts (county)
- Emergency Services (Fire, Police, Emergency Management)
- Building Safety
- County and City Engineers
- Floodplain/Stormwater Management

Please begin the process of identifying your CPOCs and LPT members as soon as possible.

MJPT MEETING SCHEDULE

In order to meet the goal of having an approved plan by November 2009, MCDEM and JEF have pre-arranged a calendar for all MJPT meetings. Our initial meeting is scheduled for 9:00am to 11:00am on January 15, 2009 and will be held in the Adobe Conference Room at the Flood Control District of Maricopa County, 2801 West Durango Street, Phoenix, Arizona. The enclosed sheet summarizes the remaining scheduled MJPT meeting dates, times and locations for the duration of the planning effort.

We are looking forward to working through this process with each of your communities and will be following up with you in the next few weeks to confirm your participation in the planning effort. Should you have any questions prior to that time, please feel free to contact either MCDEM or JEF as follows:

| | |
|---|---|
| <p><u>PPOC:</u> Cristina Herrera Maricopa County Department of Emergency Management 2035 North 52nd Street Phoenix, AZ 85008 Office: 602-273-1411 Fax: 602-275-1638 Pager: 602-201-1478 Email: cristinaherrera@mail.maricopa.gov</p> | <p><u>Mitigation Planning Consultant:</u> W. Scott Ogden, P.E., CFM JE Fuller/ Hydrology & Geomorphology, Inc. 8400 South Kyrene Road, Suite 201 Tempe, AZ 85284 Office: 480-222-5717 Fax: 480-839-2193 Cell: 480-299-3394 Email: scott@jefuller.com</p> |
|---|---|

Memorandum **JE Fuller/ Hydrology & Geomorphology, Inc.**

MEETING DATE: January 15, 2009

MEETING TIME: 9:00AM – 11:00AM

MEETING LOCATION: Flood Control District of Maricopa County
2801 W. Durango St., Phoenix, AZ
Adobe Conference Room

DISTRIBUTION: Meeting Attendees

FROM: W. Scott Ogden, P.E. - JEF

**RE: Maricopa County Multi-Jurisdictional Multi-Hazard Mitigation Plan
2009 Update**

ATTENDEES: Brian Berndt – City of Avondale
Ed Copp – SRP
Gil Damiani – City of Mesa
Mike DeBenedetto – City of Phoenix
Karl Emberg – Paradise Valley PD
Pat Fannon – Town of Carefree
Michael Gease – FCDMC
Sheri Gibbons – Town of Gilbert
Cristina Herrera – MCDEM
Matt Holm – MC Planning/Development
Lee Jimenez – FCDMC
Glen Jones – City of Peoria
Joe La Fortune – Town of Queen Creek
Dave McGhan – APS
Alfred Medina – Town of Guadalupe FD
Ronny Miller – Wickenburg PD
Howard Munding – Town of El Mirage FD
Tim Murphy – FCDMC
Rodney Phelps – Gila River Indian Community
Jen Pokorski – FCDMC
Cliff Puckett – Salt River Indian Community
Duren Robertson – Town of Youngtown
Sharon Sanders – MC Community Development
Jim Shank - Town of Buckeye
Debra Sheff – City of Glendale
Art Snapp – City of Avondale
Ken Sowers – City of Avondale
Adam Stein – Town of Cave Creek
Tracy Stevent – City of Avondale
Jeri Todd - City of Phoenix
Steve Waters – FCDMC

Sue Wood – ADEM

Consultants:

Mike Kellogg – JEF

W. Scott Ogden – JEF

AGENDA

1. GREETING
 2. MITIGATION PLANNING OVERVIEW
 3. INTRODUCTIONS
 4. PROJECT SCHEDULE
 5. PLANNING TEAM ROLES
 6. MEETING ENDING
 - a. Review of action items
-

DISCUSSION

Agenda Item 1:

- C. Herrera opened the meeting, welcomed the participants, said a few words on behalf of MCDEM and turned the meeting over to S. Ogden of JEF.

Agenda Item 2:

- S. Ogden presented an overview / review of the mitigation process and purpose for preparing a mitigation plan. He also discussed the update process.

Agenda Item 3:

- Each participant introduced his or herself and described their perceived role on the planning team.
- Gila River Indian Community, APS, and SRP will participate in the planning process as needed and available, but will not be signatories to the plan.

Agenda Item 4:

- S. Ogden presented the project schedule and planned meeting dates and locations for discussion.
- The meeting attendees chose to shift the March 12th meeting to March 19th. All other meeting dates will remain the same.
- S. Ogden reiterated that the plan must be updated and approved at FEMA by November 29, 2009 in order for the county and incorporated jurisdictions to remain eligible.

Agenda Item 5:

- S. Ogden presented an overview of the levels of planning team involvement and roles. Three levels were identified:
 - Primary Point of Contact (PPOC)

- Community Point of Contact (CPOC)
- The PPOC and CPOC(s) will comprise the multi-jurisdictional planning team (MJPT).
- Local Planning Team (LPT)
- Each of the planning team roles and responsibilities were discussed. Each CPOC was tasked with beginning the process of assembling a LPT. Communities represented by individuals that are not planning to serve as the CPOC were encouraged to get that person defined and updated by the next meeting.
- It was noted that the following jurisdictions were not represented at the meeting:
 - City of Chandler
 - Town of Fountain Hills
 - Town of Gila Bend
 - City of Goodyear
 - Town of Litchfield Park
 - City of Scottsdale
 - Town of Surprise
 - City of Tempe
 - City of Tolleson
 - Fort McDowell Apache Tribe
- Participation at the MJPT meetings is mandatory and non-participation may result in a community being dropped from the plan.
- S. Ogden and C. Herrera chose to end the meeting and begin with planning elements at the February meeting to allow the missing jurisdictions another opportunity to participate.

Agenda Item 6:

- Next meeting set for February 12, 2009 from 9am to 11am at MCDOT Apache Room (2901 W. Durango St).

ACTION ITEMS:

1. JEF to provide list of attendees and PowerPoint presentation to all attendees
2. Defined CPOC's are to begin assembling their respective LPT
3. Communities without the defined CPOC are to assign a person to that role ASAP.
4. All are to review the future meeting dates and respond to S. Ogden or C. Herrera with any major conflicts.

| State and Federally Declared Events That Included Maricopa County January 1966 to October 2008 | | | | |
|---|--------------------------------|------------------------|-----------------|--------------------------|
| Hazard | No. of Declarations | Recorded Losses | | |
| | | Fatalities | Injuries | Damage Costs (\$) |
| Drought | 12 | 0 | 0 | \$303,000,000 |
| Dam Failure | 0 | 0 | 0 | \$0 |
| Earthquake | 0 | 0 | 0 | \$0 |
| Fissure | 0 | 0 | 0 | \$0 |
| Flooding / Flash Flooding | 16 | 52 | 115 | \$594,150,000 |
| Hazardous Materials Incident | 4 | 0 | 0 | \$0 |
| Landslide / Mudslide | 0 | 0 | 0 | \$0 |
| Levee Failure | 0 | 0 | 0 | \$0 |
| Snow Storm | 0 | 0 | 0 | \$0 |
| Sleet / Freezing Rain | 0 | 0 | 0 | \$0 |
| Subsidence | 0 | 0 | 0 | \$0 |
| Thunderstorm / High Wind | 4 | 0 | 0 | \$0 |
| Tornadoe / Dust Devil | 0 | 0 | 0 | \$0 |
| Tropical Storm / Hurricane | 1 | 0 | 0 | \$375,000,000 |
| Wildfire | 18 | 0 | 0 | \$0 |

Notes:
- Damage Costs are reported as is and no attempt has been made to adjust costs to current dollar values

| Maricopa County Historic Hazard Events June 1955 to September 2008 | | | | |
|---|---------------------------|------------------------|-----------------|--------------------------|
| Hazard | No. of Records | Recorded Losses | | |
| | | Fatalities | Injuries | Damage Costs (\$) |
| Drought | 0 | 0 | 0 | \$0 |
| Dam Failure | 0 | 0 | 0 | \$0 |
| Earthquake | 0 | 0 | 0 | \$0 |
| Fissure | 0 | 0 | 0 | \$0 |
| Flooding / Flash Flooding | 31 | 9 | 7 | \$101,610,500 |
| Landslide / Mudslide | 0 | 0 | 0 | \$0 |
| Levee Failure | 0 | 0 | 0 | \$0 |
| Snow Storm | 4 | 1 | 0 | \$115,000 |
| Sleet / Freezing Rain | 0 | 0 | 0 | \$0 |
| Subsidence | 0 | 0 | 0 | \$0 |
| Thunderstorm / High Wind | 193 | 6 | 144 | \$421,055,000 |
| Tornado | 0 | 0 | 0 | \$0 |
| Tropical Storm / Hurricane | 0 | 0 | 0 | \$0 |
| Wildfire | 0 | 0 | 0 | \$0 |

Notes:
- No attempt has been made to adjust Damage Costs to current dollar values

Memorandum **JE Fuller/ Hydrology & Geomorphology, Inc.**

MEETING DATE: January 29, 2009

MEETING TIME: 9:00AM – 11:00AM

MEETING LOCATION: Maricopa Department of Emergency Management
2035 N. 52nd Street, Phoenix, AZ

DISTRIBUTION: Meeting Attendees

FROM: W. Scott Ogden, P.E. - JEF

**RE: Maricopa County Multi-Jurisdictional Multi-Hazard Mitigation Plan
2009 Update**

ATTENDEES: Tom Abbott – City of Tempe
Jim Begansky - MCDEM
Glen Floe – MCDEM
Bob Hansen – City of Tolleson
Cristina Herrera – MCDEM
Jason Howard – Maricopa Association of Governments
Lorenzo Jones – City of Scottsdale
Warren Leek – MCDEM
Othell Newbill – City of Goodyear
Kevin Pool – City of Surprise
John Rose – MCDOT
Gino Turrubiarres – Town of Guadalupe
Mitch Wagner – MCDOT
Ken Waters – National Weather Service

Consultants:

Mike Kellogg – JEF
W. Scott Ogden – JEF

AGENDA

- 1. GREETING**
- 2. MITIGATION PLANNING OVERVIEW**
- 3. INTRODUCTIONS**
- 4. PROJECT SCHEDULE**
- 5. PLANNING TEAM ROLES**
- 6. MEETING ENDING**
 - a. Review of action items**

DISCUSSION

Agenda Item 1:

- S. Ogden of JEF opened the meeting and explained that this was a make-up meeting offered for those communities that were unable to participate in the January 15th meeting.
- The material to be presented is identical to that presented at the January 15th meeting.

Agenda Item 2:

- S. Ogden presented an overview / review of the mitigation process and purpose for preparing a mitigation plan. He also discussed the update process.

Agenda Item 3:

- Each participant introduced his or herself and described their perceived role on the planning team.
- The National Weather Service and MAG will participate in the planning process as needed and available, but will not be signatories to the plan.

Agenda Item 4:

- S. Ogden presented the project schedule and planned meeting dates and locations for discussion.
- There was some concern raised by L. Jones about a possible conflict with the Coyote Crisis Planning Conference and the Feb 12th meeting. C. Herrera will send out a poll of the MJPT to see if there is enough conflicts to warrant rescheduling the meeting.
- S. Ogden reiterated that the plan must be updated and approved at FEMA by November 29, 2009 in order for the county and incorporated jurisdictions to remain eligible.

Agenda Item 5:

- S. Ogden presented an overview of the levels of planning team involvement and roles. Three levels were identified:
 - Primary Point of Contact (PPOC)
 - Community Point of Contact (CPOC)
 - The PPOC and CPOC(s) will comprise the multi-jurisdictional planning team (MJPT).
 - Local Planning Team (LPT)
- Each of the planning team roles and responsibilities were discussed. Each CPOC was tasked with beginning the process of assembling a LPT. Communities represented by individuals that are not planning to serve as the CPOC were encouraged to get that person defined and updated by the next meeting.
- It was noted that the following jurisdictions were still not represented at either the January 15th or this meeting:
 - City of Chandler (the representative from Chandler has made other arrangements to receive the introductory materials).
 - Town of Fountain Hills

- Town of Gila Bend
- Town of Litchfield Park
- Fort McDowell Apache Tribe
- Participation at the MJPT meetings is mandatory and non-participation may result in a community being dropped from the plan.
- S. Ogden ended the meeting and summarized action items for the next meeting. and begin with planning elements at the February meeting to allow the missing jurisdictions another opportunity to participate.

Agenda Item 6:

- Next meeting set for February 12, 2009 from 9am to 11am at MCDOT Apache Room (2901 W. Durango St).

ACTION ITEMS:

1. JEF to provide list of attendees and PowerPoint presentation to all attendees
2. Defined CPOC's are to begin assembling their respective LPT
3. Communities without the defined CPOC are to assign a person to that role ASAP.
4. All are to review the future meeting dates and respond to S. Ogden or C. Herrera with any major conflicts.
5. C. Herrera will take a poll of MJPT members to see if enough conflict exists with the Coyote Crisis Planning Conference to warrant changing the Feb 12th meeting date.

Memorandum **JE Fuller/ Hydrology & Geomorphology, Inc.**

MEETING DATE: February 11, 2009

MEETING TIME: 9:00AM – 11:00AM

MEETING LOCATION: JE Fuller/ Hydrology & Geomorphology, Inc.
8400 S. Kyrene Road, Suite 201
Tempe, AZ 85284

DISTRIBUTION: Meeting Attendees

FROM: W. Scott Ogden, P.E. - JEF

**RE: Maricopa County Multi-Jurisdictional Multi-Hazard Mitigation Plan
2009 Update**

ATTENDEES: Tom Christmas – Fort McDowell Yavapai Nation
Cristina Herrera – MCDEM
John Rae – Town of Litchfield Park
Randy Roberts – Town of Fountain Hills
Marc Walker – City of Chandler

Consultants:

W. Scott Ogden – JEF

AGENDA

1. GREETING
2. MITIGATION PLANNING OVERVIEW
3. INTRODUCTIONS
4. PROJECT SCHEDULE
5. PLANNING TEAM ROLES
6. MEETING ENDING
 - a. Review of action items

DISCUSSION

Agenda Item 1:

- S. Ogden of JEF opened the meeting and explained that this was a make-up meeting offered for those communities that were unable to participate in the January 15th meeting.
- The material to be presented is identical to that presented at the January 15th meeting.

Agenda Item 2:

- S. Ogden presented an overview / review of the mitigation process and purpose for preparing a mitigation plan. He also discussed the update process.

- T. Christmas encouraged HMP newcomers that the process was not overwhelming and relatively easy to get through.

Agenda Item 3:

- Each participant introduced his or herself and described their perceived role on the planning team.

Agenda Item 4:

- S. Ogden presented the project schedule and planned meeting dates and locations for discussion.
- S. Ogden reiterated that the plan must be updated and approved at FEMA by November 29, 2009 in order for the county and incorporated jurisdictions to remain eligible.
- The plan adoption process was discussed and S. Ogden explained how the process would occur.
 - The plan would be developed to a final draft stage and then submitted to ADEM and FEMA for review. Submittal target is first week of August.
 - Once FEMA was satisfied with the document, they would then issue a letter to each community effectively stating that the MCMJMHMP is approvable pending adoption. The iteration time will probably be 1-2 months.
 - Each jurisdiction will then take the plan before their council/board and obtain an official resolution of adoption and forward that resolution to ADEM and FEMA, and copy C. Herrera and JEF.
 - FEMA will establish the “official” plan approval date as the date when they receive the first resolution to establish the point at which the 5-year plan cycle begins.
 - Each jurisdiction will be officially approved only after they have submitted their respective resolution of adoption.
 - S. Ogden pointed out that this process will allow for an official approval of the multi-jurisdictional plan without having to wait on any particular community that may be lagging the rest.

Agenda Item 5:

- S. Ogden presented an overview of the levels of planning team involvement and roles. Three levels were identified:
 - Primary Point of Contact (PPOC)
 - Community Point of Contact (CPOC)
 - The PPOC and CPOC(s) will comprise the multi-jurisdictional planning team (MJPT).
 - Local Planning Team (LPT)
- Each of the planning team roles and responsibilities were discussed. Each CPOC was tasked with beginning the process of assembling a LPT. Communities represented by individuals that are not planning to serve as the CPOC were encouraged to get that person defined and updated by the next meeting.

- S. Ogden will provide an Excel worksheet to each CPOC for them to list the LPT members and their respective roles and duties.
- It was noted that the following jurisdictions were still not represented at either the January 15th, January 29th, or this meeting:
 - Town of Gila Bend (expected to be at the Feb 12th meeting.)
- Participation at the MJPT meetings is mandatory and non-participation may result in a community being dropped from the plan.
- S. Ogden ended the meeting and summarized action items for the next meeting. and begin with planning elements at the February meeting to allow the missing jurisdictions another opportunity to participate.

Agenda Item 6:

- Next meeting set for February 12, 2009 from 9am to 11am at MCDOT Apache Room (2901 W. Durango St).

ACTION ITEMS:

1. JEF to provide list of attendees, meeting notes and PowerPoint presentation to all attendees
2. Defined CPOC's are to begin assembling their respective LPT.
3. JEF will develop and provide a template spreadsheet for listing the LPT members and their respective role and duties.
4. All are to review the future meeting dates and respond to S. Ogden or C. Herrera with any major conflicts.

Memorandum **JE Fuller/ Hydrology & Geomorphology, Inc.**

MEETING DATE: February 12, 2009

MEETING TIME: 9:00AM – 11:15AM

MEETING LOCATION: Maricopa County Department of Transportation
2901 W. Durango St., Phoenix, AZ
Apache Conference Room

DISTRIBUTION: Meeting Attendees

FROM: W. Scott Ogden, P.E. - JEF

**RE: Maricopa County Multi-Jurisdictional Multi-Hazard Mitigation Plan
2009 Update**

ATTENDEES:

| | |
|-------------------|--|
| Tom Abbott | City of Tempe |
| Jim Begansky | Maricopa County |
| Meredith Bond | Maricopa County |
| Tom Christmas | Fort McDowell Yavapai Nation |
| Ed Copp | Salt River Project |
| Gil Damiani | City of Mesa |
| Karl Emberg | Town of Paradise Valley |
| Devlin Fung | City of Glendale |
| Pat Farmer | Town of Carefree |
| Michael K .Gease | Flood Control District of Maricopa County |
| Sheri Gibbons | Town of Gilbert |
| Cristina Herrera | Maricopa County |
| Matt Holm | Maricopa County |
| Dewey Horton | Town of Buckeye |
| Lee Jimenez | Flood Control District of Maricopa County |
| Glenn Jones | City of Peoria |
| Lorenzo Jones | City of Scottsdale |
| Joe LaFortune | Town of Queen Creek |
| Pam Lansberry | APS |
| Bob Lee | Town of Paradise Valley |
| Bob Marshall | City of Goodyear |
| Tim Murphy | Flood Control District of Maricopa County |
| Chris Ochs | City of Glendale |
| Harry Parsi | Town of Gila Bend |
| Michael Paz | Motorola |
| Kevin Pool | City of Surprise |
| Cliff Puckett | Salt River Pima-Maricopa Indian Community |
| John Rae | City of Litchfield Park |
| Darrell Rezendes | Town of El Mirage |
| Randy Roberts | Fountain Hills |
| John J. Rose | Maricopa County Department of Transportation |
| Mike Sabatini | Maricopa County |
| Debra Sheff | City of Glendale |
| Adam Stein | Town of Cave Creek |
| Jeri Todd | City of Phoenix |
| Gino Turrubiarres | Town of Guadalupe |

| | |
|-----------------|---|
| Bruce Van Scyoc | City of Surprise |
| Marc Walker | City of Chandler |
| Steve Waters | Flood Control District of Maricopa County |
| Ken Waters | National Weather Service |
| Sue Wood | Arizona Division of Emergency Management |

Consultants:

| | |
|----------------|--|
| Mike Kellogg | JE Fuller/ Hydrology & Geomorphology, Inc. |
| W. Scott Ogden | JE Fuller/ Hydrology & Geomorphology, Inc. |

AGENDA

- 1. INTRODUCTIONS / MISC**
 - 2. PROMULGATION SCHEDULE**
 - 3. PUBLIC INVOLVEMENT**
 - 4. HAZARD IDENTIFICATION/PROFILING**
 - 5. HOMEWORK ASSIGNMENTS**
-

DISCUSSION

Agenda Item 1:

- S. Ogden opened the meeting, welcomed the participants, and proceeded with asking all participants to introduce themselves and state their perceived role in the project.
- NOTE – The following jurisdictions were not represented at the meeting:
 - Tolleson
 - Wickenburg
 - Youngtown

Agenda Item 2:

- S. Ogden presented an overview of the promulgation schedule and emphasized the role each jurisdiction would play in the plan update process.
- S. Ogden reiterated that the plan must be updated and approved at FEMA by November 29, 2009 in order for the county and incorporated jurisdictions to remain eligible.
- S. Ogden reiterated the overall project schedule which included:
 - Draft Plan submitted to the entire project team by July 1, 2009
 - Two-week review period for all team members to submit comments
 - Final Draft Plan completed by August 1, 2009
 - Final Draft Plan submitted to ADEM and FEMA for review within the first week of August
 - Anticipated 1- to 2-month FEMA review period
 - Anticipated FEMA “approval pending adoption” letter by October 1, 2009
 - All jurisdictions to submit official resolution of adoption of the plan before November 29, 2009.
 - Official FEMA approval date of the plan will begin upon FEMA receipt of the first jurisdiction resolution letter.

Agenda Item 3:

- S. Ogden presented information on the FEMA requirements for public involvement in the plan.
- The MJPT discussed various methodologies that could be employed by each jurisdiction to satisfy the requirement. Ideas discussed included conducting public meetings on a regional basis or prior to regular council workshops on a community basis, preparing public notices and publishing them in the local newspaper, and presenting the plan information to the councils and boards during regular work-sessions. The pros and cons of each option were discussed. Regional public presentations were used during the 2004 planning effort and the efforts were very poorly attended. Public notices on websites and in newspapers were deemed to be a more efficient way of getting the word out.
- C. Herrera noted that the County has a posting on their website that includes a brief description of the DMA2K planning and update process, the MJPT meeting schedule, and the current 2004 Plan. The posting will be maintained throughout the planning process and the draft plan will also be posted for comment once it is available.
- Each jurisdiction agreed to place a brief notification excerpt of the plan update on their individual website with a link to the county website which contains the details of the plan and a digital copy of the existing plan.
- Each jurisdiction will place a public notification of the plan update in their local newspaper and their community section of the Arizona Republic (if applicable). A template for the notification will be drafted by MCDEM / JEF and distributed for use by the jurisdictions.

Agenda Item 4:

- S. Ogden introduced the Risk Assessment component of the plan update. Specifically hazard identification and hazard profiling.
- The list of ADEM approved natural hazards was presented and discussed. S. Ogden noted that the state no longer includes any human-caused hazards since DMA2K related funding is not available for mitigation of human-caused hazards. The MJPT discussed the idea and agreed to focus on natural hazards only for this update.
- A productive group discussion of the natural hazards ensued which resulted in the following hazards unanimously being dropped from the list:
 - Snow Storm
 - Earthquake
 - Sleet and Freezing RainExtreme Heat was unanimously decided to be added to the hazards list. The MJPT also discussed combining the Tropical Storm/Hurricane hazard with the Flooding/Flash Flooding category, since most damages from a tropical storm in Maricopa County are flood related.
- S. Ogden stressed that FEMA will require at least one mitigation action/project to be developed for each hazard listed in the plan and that each community may decide which hazards they would like to consider.

- S. Ogden introduced the calculated priority risk index (CPRI) and how it will be used in the plan update process. Each category was discussed and a hard copy handout listing the criteria for each category was distributed.
- S. Ogden showed a blank CPRI spreadsheet and demonstrated how each jurisdiction is to populate the sheet with their specific information. Each jurisdiction representative was informed that a digital copy of the spreadsheet would be sent to them to complete and return to JEF.

Agenda Item 5:

- Homework assignments include:
 - Complete and return the LPT list using the template file provided by JEF
 - Review historic hazard event database and provide additional records to JEF.
 - Complete and return the CPRI worksheet
 - Check calendars for major conflicts with projected schedule
 - Coordinate website linking with Maricopa County website posting
 - Prepare and submit public notice to the local newspaper using the template document to be provided by MCDEM / JEF.
- Next meeting set for March 19, 2009 from 9am to 11am at the Maricopa County Planning & Development office (501 N. 44th Street, Phoenix).

ACTION ITEMS:

1. Each jurisdiction will place a brief description of the plan update on their website with a link to the county MCDEM website
2. C. Herrera will forward the contact information for the county public relations representative (Julie Symopoulos) to each team member.
3. MCDEM / JEF will draft a template public notice and distribute it to the MJPT for publication in their local newspaper and their community section of the Arizona Republic (if applicable).
4. S. Ogden will send the historic hazard event database to the MJPT for review. Additional records shall be provided to JEF for insertion if available.
5. S. Ogden will send a digital copy of the CPRI spreadsheet to each jurisdiction with instruction to complete and return.
6. All are to review the future meeting dates and respond to S. Ogden or C. Herrera with any major conflicts.
7. S. Ogden will forward a Local Planning Team template document for listing each member of a jurisdiction's LPT, to be completed and returned.

Memorandum **JE Fuller/ Hydrology & Geomorphology, Inc.**

MEETING DATE: March 19, 2009

MEETING TIME: 9:00AM – 11:15AM

MEETING LOCATION: Maricopa County Planning and Development
501 N. 44th Street
Phoenix, AZ

DISTRIBUTION: Meeting Attendees

FROM: W. Scott Ogden, P.E. - JEF

**RE: Maricopa County Multi-Jurisdictional Multi-Hazard Mitigation Plan
2009 Update**

ATTENDEES:

| | |
|------------------|---|
| Tom Abbott | City of Tempe |
| Jim Begansky | Maricopa County |
| Meredith Bond | Maricopa County |
| Tom Christmas | Fort McDowell Yavapai Nation |
| Gil Damiani | City of Mesa |
| Mike DeBenedetto | City of Phoenix |
| Pat Farmer | Town of Carefree |
| Michael K .Gease | Flood Control District of Maricopa County |
| Sheri Gibbons | Town of Gilbert |
| Bob Hansen | City of Tolleson |
| Cristina Herrera | Maricopa County |
| Dewey Horton | Town of Buckeye |
| Lee Jimenez | Flood Control District of Maricopa County |
| Glenn Jones | City of Peoria |
| Lorenzo Jones | City of Scottsdale |
| Joe LaFortune | Town of Queen Creek |
| Scott LaGreca | Town of Fountain Hills |
| Richard Langevin | Maricopa County |
| Bob Lee | Town of Paradise Valley |
| Howard Munding | Town of El Mirage |
| Othell Newbill | City of Goodyear |
| Chris Ochs | City of Glendale |
| Patrick O'Toole | Salt River Project |
| Harry Parsi | Town of Gila Bend |
| Kevin Pool | City of Surprise |
| Cliff Puckett | Salt River Pima-Maricopa Indian Community |
| Debra Sheff | City of Glendale |
| Art Snapp | City of Avondale |
| Adam Stein | Town of Cave Creek |
| Jeri Todd | City of Phoenix |
| Mitch Wagner | Maricopa County |
| Marc Walker | City of Chandler |
| Ken Waters | National Weather Service |

Steve Waters Flood Control District of Maricopa County
Sue Wood Arizona Division of Emergency Management

Consultants:

Mike Kellogg JE Fuller/ Hydrology & Geomorphology, Inc.
W. Scott Ogden JE Fuller/ Hydrology & Geomorphology, Inc.

AGENDA

1. PROJECT STATUS REVIEW
 2. PROMULGATION SCHEDULE REVIEW
 3. CPRI REVIEW – FINAL HAZARD LIST
 4. ASSET INVENTORY INTRODUCTION
 5. OTHER DATA NEEDS
-

DISCUSSION

Agenda Item 1:

- C. Herrera opened the meeting by thanking all participants for their attendance. She then turned the meeting mover to S. Ogden.
- NOTE – The following jurisdictions were not represented at the meeting:
 - Gila River Indian Community
 - Guadalupe
 - Litchfield Park
 - Wickenburg
 - Youngtown
- S. Ogden discussed the status of the public involvement template documents. The documents will be ready for distribution to the participating jurisdictions within the next two weeks. He commended those jurisdictions who have already posted a notice of the Plan Update on their website.
- S. Ogden discussed the status of the local planning team lists (previous homework assignment). As of the date of this meeting the following jurisdictions had not submitted their local planning lists:
 - Carefree
 - Gila Bend
 - Guadalupe
 - Litchfield Park
 - Wickenburg
 - Youngtown
- S. Ogden discussed the status of the CPRI evaluations. As of the date of this meeting the following jurisdictions had not submitted their CPRI evaluations:
 - Gila Bend
 - Litchfield Park
 - Wickenburg
 - Youngtown

Agenda Item 2:

- S. Ogden reviewed the key milestone dates for the project. Those discussed included:
 - Step 1
 - A full draft of the Plan to be submitted to the Multi-Jurisdiction Planned Team (MJPT) by July 1.
 - MJPT two-week review period.
 - Final draft of the Plan to be completed by August 1.
 - Step 2
 - Submit draft Plan to ADEM and FEMA within the first week of August
 - Expected 1-2 month FEMA review period.
 - Step 3
 - Anticipated receipt of FEMA “approvable pending adoption” letter by October 1.
 - Step 4
 - Jurisdictions will promulgate and submit official resolution of adoption to ADEM and FEMA.
 - Step 5
 - FEMA will set the “official” plan approval date to the date of the first resolution received.
- S. Ogden discussion potential Plan document formats. The potential formats included:
 - Plan Format 1 – This format is a true multi-jurisdictional plan and will include all jurisdictional information in one document that may possibly spread across two volumes. Under this format, each Tribe will have a separate Annex to provide the additional material required for a Tribal Plan. This format will include a 5-10 page Executive Summary for each jurisdiction that summarizes the critical elements of the plan for that jurisdiction and could be used to distribute to city councils, boards, etc.
 - Plan Format 2 – This format will include a primary volume containing information pertinent to all jurisdictions with separate Annex volumes for each jurisdiction.
 - Several members of the MJPT requested one-week to discuss the Plan format options with their local planning team. S. Ogden agreed to a one-week time frame.
 - The MJPT decided in general to adopt the Plan Format 1 as it will best represent a true Multi-Jurisdictional Plan, will be more efficient and will best demonstrate the spirit of multi-jurisdictional cooperation. This decision was made pending any serious objections by those communities doing further checking.

Agenda Item 3:

- S. Ogden distributed a CPRI summary table listing each jurisdiction’s CPRI worksheet results (except those not reporting). The table also listed the average CPRI

score for each hazard included in the CPRI worksheet. The two lowest hazard averages were *Landslide/Mudslide* and *Levee Failure*.

- S. Ogden led a discussion to review and revise the hazard categories based on the CPRI results.
 - The hazard of *Landslide/Mudslide* was discussed and the MJPT was questioned as to what communities had a serious desire to provide mitigation for this hazard. MCDOT and Paradise Valley were the only communities to respond and most of the concern was due to slides that resulted from wildfire or minor rockslides. After further discussion, the MJPT chose to drop *Landslide/Mudslide* from the list.
 - A proposal to merge the *Thunderstorm/High Wind* and *Tornado* categories into a new category titled *Severe Wind Event* was discussed. The reasoning is that the damaging element for both *Thunderstorm/High Wind* and *Tornado* is the severe wind as well as any reasonable mitigation strategies. The thunderstorm component of hail was discussed and it was decided by the MJPT that the hazard was not significant enough to warrant further consideration. The MJPT agreed to the merging.

Agenda Item 4:

- S. Ogden presented a discussion on the asset inventory part of the Vulnerability Analysis component of the Plan, including a definition for critical facilities and infrastructure and a list of general categories. A memorandum providing detailed guidance for developing the asset inventory was distributed.
- S. Ogden presented the database format in which the asset inventory information is to be organized.
- The following were discussed in detail:
 - Critical Facilities – the definition of Critical Facilities was given and discussed.
 - Each jurisdiction was instructed to use the definition in determining whether an asset is assigned a Critical or Non-Critical classification.
 - Critical Facility general categories were listed and discussed.
 - Non-Critical Facilities – this category is to be used for all assets not assigned a Critical Facility classification.
 - Non-Critical Facility general categories were listed and discussed.
- S. Ogden discussed and presented examples of the “starter” dataset of assets that will be provided to each jurisdiction by JEF. These “starter” datasets were derived from a database file provided to JEF by the Maricopa Association of Governments (MAG).
- S. Ogden informed the MJPT that the “starter” set will be distributed to each jurisdiction within three business days following the meeting. Each jurisdiction was instructed to review complete, and/or modify the “starter” asset dataset to reflect the assets they wish to have included in the Vulnerability Analysis component of the Plan.
- Several members of the MJPT expressed concern about sharing information on critical facilities within their jurisdictions due to restrictions placed on dissemination

of asset inventory data by state and federal agencies. A statewide critical infrastructure information system is currently being housed at the Arizona Counter Terrorism Information Center (ACTIC) in Phoenix. Communities participating with ACTIC are leery of violating security agreements by providing data to JEF for the vulnerability analysis. MCDEM assured the MJPT that JEF signed a non-disclosure agreement as a part of their contract.

- M. Benedetto will schedule a meeting with ACTIC to discuss the concerns and S. Ogden agreed to attend and present the need for the data on behalf of the MJPT.

Agenda Item 5:

- S. Ogden discussed two other data sets needed from each community:
 - City Boundaries – each community needs to provide JEF with the most current municipal boundary. Preferred format would be as GIS shapefiles. JEF will prepare check plots for verification by each community that does not send shapefiles.
 - Future Critical Facilities – each community shall provide information regarding planned future critical facilities on a 5-year horizon.

ACTION ITEMS:

1. MJPT to discuss Plan Format needs with local planning team as needed and report back to S. Ogden no later than March 27th.
2. S. Ogden will distribute an email with a list of the MJPT selected hazards and will request each jurisdiction to provide a return email listing the hazards that the community will develop mitigation actions/projects for. The return list is due by April 3, 2009.
3. M. Benedetto will schedule a meeting with ACTIC to discuss the asset inventory concerns and S. Ogden will attend and present the need for the data on behalf of the MJPT.
4. S. Ogden will distribute the “starter” asset inventory dataset to each jurisdiction within three business days of the March 19 meeting. Each jurisdiction shall review, complete, and/or modify the list and provide to JEF by April 14th, 2009.
5. Each jurisdiction (except the county) will provide JEF with the most current municipal boundary. Preferred format would be GIS shapefiles. JEF will prepare check plots for verification by each community that does not send shapefiles.
6. Each community shall provide information regarding planned future critical facilities that are intended for construction in the next 5-years. Information can be a written summary or provided in manner similar to the asset inventory data.

Next Meeting

April 16, 2009
9am to 11am
Flood Control District of Maricopa County
Operations Building – Dreamy Draw Conference Room
2801 W. Durango, Phoenix

Memorandum **JE Fuller/ Hydrology & Geomorphology, Inc.**

MEETING DATE: April 16, 2009

MEETING TIME: 9:00AM – 11:00AM

MEETING LOCATION: Flood Control District of Maricopa County
2801 W. Durango Street
Phoenix, AZ 85009

DISTRIBUTION: Meeting Attendees

FROM: W. Scott Ogden, P.E. - JEF

**RE: Maricopa County Multi-Jurisdictional Multi-Hazard Mitigation Plan
2009 Update**

ATTENDEES:

| | |
|-------------------|--|
| Tom Abbott | City of Tempe |
| Meredith Bond | Maricopa County |
| Tom Christmas | Fort McDowell Yavapai Nation |
| Sonny Culbreth | City of Litchfield Park |
| Gil Damiani | City of Mesa |
| Mike DeBenedetto | City of Phoenix |
| Pat Farmer | Town of Carefree |
| Mike Fusco | City of Peoria |
| Michael K .Gease | Flood Control District of Maricopa County |
| Bob Hansen | City of Tolleson |
| Cristina Herrera | Maricopa County |
| Dewey Horton | Town of Buckeye |
| Glenn Jones | City of Peoria |
| Lorenzo Jones | City of Scottsdale |
| Bob Lee | Town of Paradise Valley |
| Warren Leek | Maricopa County |
| Ronnie Miller | Town of Wickenburg |
| Tim Murphy | Flood Control District of Maricopa County |
| Chris Ochs | City of Glendale |
| Patrick O'Toole | Salt River Project |
| Harry Parsi | Town of Gila Bend |
| Cliff Puckett | Salt River Pima-Maricopa Indian Community |
| Darrell Rezendes | Town of El Mirage |
| Randy Roberts | Town of Fountain Hills |
| John J. Rose | Maricopa County Department of Transportation |
| Debra Sheff | City of Glendale |
| Art Snapp | City of Avondale |
| Adam Stein | Town of Cave Creek |
| Julie Syrmopoulos | Maricopa County |
| Jeri Todd | City of Phoenix |
| Mitch Wagner | Maricopa County |
| Marc Walker | City of Chandler |
| Ken Waters | National Weather Service |
| Tom Abbott | City of Tempe |
| Meredith Bond | Maricopa County |

Consultants:

Mike Kellogg JE Fuller/ Hydrology & Geomorphology, Inc.
W. Scott Ogden JE Fuller/ Hydrology & Geomorphology, Inc.

AGENDA

1. HOMEWORK STATUS
 2. HAZARD PROFILE MAPPING DATA
 3. CAPABILITY ASSESSMENT REVIEW/UPDATE
 4. PLAN MAINTENANCE PROCEDURES REVIEW/UPDATE
-
-

DISCUSSION

Agenda Item 1:

- Public Involvement: First Phase: S. Ogden reviewed the public notification methodologies that were decided by the MJPT in previous meetings. Template documents were distributed to the MJPT on 4/13/09 with instructions for each jurisdiction to:
 - Place a notice of the MJHMP Update on their website with a link to the county website.
 - Publish a notice of the MJHMP Update in their local newspaper.
- S. Ogden informed the MJPT that each jurisdiction needs to send him the following regarding their public notification:
 - Link to their website posting
 - Copy of the newspaper article or scanned files of the banner page and page on which the notice appears.
- S. Ogden provided a printed status update sheet that listed each jurisdiction's status for submittal/completion of the following:
 - PI website posting
 - PI newspaper notice
 - Receipt of CPRI files
 - Local team list
 - Mitigation hazard list
 - Jurisdictional Boundary confirmation
 - Logo
 - Asset inventory information
- S. Ogden discussed each item and the importance of meeting the data submittal deadlines.

Agenda Item 2:

- S. Ogden presented the data that will be used in the Vulnerability Assessment component of the plan update. The hazard classification distribution (High, Medium, or Low) for each dataset was presented and discussed. The following hazard datasets were presented:

- Dam Failure
- Drought
- Extreme Heat
- Fissure
- Flooding
- Levee Failure
- Subsidence
- Severe Wind
- Wildfire

Agenda Item 3:

- S. Ogden outlined the five primary purposes of the Capability Assessment component of the plan update:
 - Identify legal and regulatory capabilities of each jurisdiction.
 - Identify administrative and technical resources of each jurisdiction.
 - Identify community fiscal capabilities.
 - Assess mitigation capability of each jurisdiction's departments.
 - Summarize past mitigation activities and projects with the five-year period since the plan adoption.
- S. Ogden proposed that the Table 8.1 in the current plan be revised to a new format that was presented at the meeting. The MJPT concurred with the proposed change.
- S. Ogden proposed that Table 8.4 in the current plan be dropped from the updated plan. The MJPT concurred with dropping Table 8.4 from the updated plan.
- S. Ogden requested each Jurisdiction provide updated information for Tables 8.1 through 8.3 in the current plan. The updated information will be incorporated into the updated plan.
- S. Ogden requested that each jurisdiction provide/list the major mitigation activities/projects that were performed over the last planning cycle (5 years). JEF will provide a template document for use by the MJPT.

Agenda Item 4:

- S. Ogden reviewed the maintenance requirements as outlined in the current plan (Section 9.1) which include:
 - Annual review of the plan by each Jurisdiction
 - Preparation of annual summary review memorandums
- S. Ogden reviewed the required plan procedures as outlined in Section 9.2 of the current plan.
 - The MJPT was asked to self-evaluate their compliance of Section 9.2 since the plan adoption.
- S. Ogden reviewed the required plan procedures as outlined in Section 9.3 of the current plan.
 - The MJPT was asked to self-evaluate their compliance of Section 9.3 since the plan adoption.

- C. Herrera proposed that the updated plan include language that states each Jurisdiction will present the updated plan to their local Board of Supervisors or other governing body only if a major update to the Plan is proposed.
- C. Herrera proposed that the MJPT convene every November to review the plan. MCDEM will take the lead in re-convening the MJPT for the annual review and will work with ADEM on the format for review results to be submitted to ADEM.

ACTION ITEMS:

1. Each Jurisdiction was asked to complete their public involvement component of the plan. They were asked to send S. Ogden the following:
 - a. Link to their jurisdiction website posting of the plan update
 - b. Copy of the newspaper article or other source used for the public notice of the plan update.
2. Each Jurisdiction was asked to review the information in Tables 8.1 to 8.3 in the current plan and submit revised information to S. Ogden.
3. C. Herrera will submit a write-up outlining the revised plan maintenance discussion that will compose Section 9.2 in the updated Plan.
4. S. Ogden will drop Table 8.4 for the updated plan.
5. Each Jurisdiction must submit their completed Asset Inventory sheets to S. Ogden by April 27th.
6. Each Jurisdiction must submit their revised Capability Assessment (Section 8) tables to S. Ogden by May 14th.
7. Each Jurisdiction must submit their list of mitigation activities that have occurred since the plan adoption by May 14th.

Next Meeting

May 14, 2009
9am to 11am
Maricopa County Department of Transportation
Apache Conference Room
2901 W. Durango, Phoenix

Memorandum

JE Fuller/ Hydrology & Geomorphology, Inc.

MEETING DATE: May 14, 2009

MEETING TIME: 9:00AM – 11:00AM

MEETING LOCATION: Maricopa County Dept. of Transportation
2901 W. Durango Street
Phoenix, AZ 85009

DISTRIBUTION: Meeting Attendees

FROM: W. Scott Ogden, P.E. - JEF

**RE: Maricopa County Multi-Jurisdictional Multi-Hazard Mitigation Plan
2009 Update**

ATTENDEES:

| | |
|------------------|---|
| Tom Abbott | City of Tempe |
| Jim Begansky | Maricopa County |
| Tom Christmas | Fort McDowell Yavapai Nation |
| Sonny Culbreth | City of Litchfield Park |
| Gil Damiani | City of Mesa |
| Mike DeBenedetto | City of Phoenix |
| Pat Farmer | Town of Carefree |
| Sheri Gibbons | Town of Gilbert |
| Mark Hannah | Town of Youngtown |
| Bob Hansen | City of Tolleson |
| Cristina Herrera | Maricopa County |
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| Bob Lee | Town of Paradise Valley |
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| Tim Murphy | Flood Control District of Maricopa County |
| Othell Newbill | City of Goodyear |
| Patrick O'Toole | Salt River Project |
| Harry Parsi | Town of Gila Bend |
| Kevin Pool | City of Surprise |
| Cliff Puckett | Salt River Pima-Maricopa Indian Community |
| Randy Roberts | Town of Fountain Hills |
| Renelle Schaffer | General public |
| Debra Sheff | City of Glendale |
| Art Snapp | City of Avondale |
| Adam Stein | Town of Cave Creek |
| Mitch Wagner | Maricopa County |
| Marc Walker | City of Chandler |
| Steve Waters | Flood Control District of Maricopa County |
| Ken Waters | National Weather Service |

Consultants:

Maricopa County Multi-Jurisdictional Hazard Mitigation Plan
2009 Update

AGENDA

- 1. PROJECT STATUS REVIEW**
 - 2. REVIEW MITIGATION GRANT DATABASE**
 - 3. GOALS AND OBJECTIVES UPDATE**
 - 4. EXISTING ACTION/PROJECT ASSESSMENT**
 - 5. HOMEWORK ASSIGNMENTS**
-

DISCUSSION

Agenda Item 1:

- S. Ogden reviewed the overall status of the project and the individual project tasks. The following table reflects the status of each project task per jurisdiction at the time of the meeting. The following project tasks were discussed:
 - Public Involvement
 - Website posting
 - Newspaper notice/article
 - Calculated priority risk index (CPRI)
 - Local team list
 - Mitigation hazard list
 - Jurisdictional boundary confirmation
 - Jurisdiction logo submittal
 - Asset inventory
 - Capability assessment
 - Prior mitigation activity

Agenda Item 2:

- S. Ogden distributed a hard copy handout listing the historic mitigation grant projects within Maricopa County as recorded in the Arizona Division of Emergency Management database.
- S. Ogden asked each jurisdiction to review the list and to provide additional information if one of their past projects was included in the list. The additional information requested was a brief write-up on the project's "what" (description of project details) and "why" (reason for project), plus any other missing information.

| Jurisdiction | PI Website Posting DUE 5/31/09 | PI Newspaper Notice/Article DUE 5/31/09 | CPRI DUE 4/27/09 | Local Team List DUE 4/27/09 | Mitigation Hazard List DUE 4/27/09 | Jurisdictional Boundary Confirmation DUE 4/27/09 | Logo DUE 4/27/09 | Asset Inventory DUE 4/27/09 | Capability Assessment DUE 5/14/09 | Prior Mitigation Activity DUE 5/14/09 |
|-------------------------|--------------------------------|---|------------------|-----------------------------|------------------------------------|--|------------------|-----------------------------|-----------------------------------|---------------------------------------|
| MARICOPA COUNTY (UNINC) | Received | Partially Complete | Received | Received | Received | Received | Received | Received | Received | Partially Complete |
| AVONDALE | Not Received | Received | Received | Received | Received | Received | Received | Received | Received | Received |
| BUCKEYE | Received | Received | Received | Received | Not Received | Received | Received | Not Received | Not Received | Not Received |
| CAREFREE | Received | Received | Received | Received | Not Received | Received | Received | Received | Not Received | Not Received |
| CAVE CREEK | Received | Received | Received | Received | Not Received | Received | Received | Received | Not Received | Not Received |
| CHANDLER | Received | Not Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received |
| EL MIRAGE | Received | Received | Received | Received | Not Received | Not Received | Received | Received | Not Received | Received |
| FOUNTAIN HILLS | Received | Received | Received | Received | Not Received | Received | Received | Received | Not Received | Not Received |
| GILA BEND | Not Received | Not Received | Received | Received | Not Received | Received | Received | Received | Not Received | Not Received |
| GILBERT | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received |
| GLENDALE | Received | Not Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received |
| GOODYEAR | Not Received | Not Received | Received | Received | Received | Not Received | Received | Partially Complete | Not Received | Not Received |
| GUADALUPE | Received | Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received |
| LITCHFIELD PARK | Received | Not Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received |
| MESA | Received | Partially Complete | Received | Received | Received | Received | Received | Received | Not Received | Not Received |
| PARADISE VALLEY | Received | Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received |
| PEORIA | Received | Received | Received | Received | Not Received | Not Received | Received | Partially Complete | Not Received | Not Received |
| PHOENIX | Received | Partially Complete | Received | Received | Received | Received | Received | Received | Partially Complete | Partially Complete |
| QUEEN CREEK | Not Received | Not Received | Received | Received | Not Received | Received | Received | Partially Complete | Not Received | Not Received |
| SCOTTSDALE | Received | Partially Complete | Received | Received | Received | Received | Received | Not Received | Not Received | Not Received |

| Jurisdiction | PI Website Posting DUE 5/31/09 | PI Newspaper Notice/Article DUE 5/31/09 | CPRI DUE 4/27/09 | Local Team List DUE 4/27/09 | Mitigation Hazard List DUE 4/27/09 | Jurisdictional Boundary Confirmation DUE 4/27/09 | Logo DUE 4/27/09 | Asset Inventory DUE 4/27/09 | Capability Assessment DUE 5/14/09 | Prior Mitigation Activity DUE 5/14/09 |
|-----------------------------------|--------------------------------|---|------------------|-----------------------------|------------------------------------|--|------------------|-----------------------------|-----------------------------------|---------------------------------------|
| SURPRISE | Not Received | Received | Received | Received | Not Received | Not Received | Received | Not Received | Not Received | Not Received |
| TEMPE | Received | Not Received | Received | Received | Not Received | Received | Received | Received | Received | Received |
| TOLLESON | Not Received | Not Received | Received | Received | Not Received | Received | Received | Not Received | Not Received | Not Received |
| WICKENBURG | Not Received | Not Received | Received | Received | Received | Not Received | Received | Received | Not Received | Not Received |
| YOUNGTOWN | Not Received | Not Received | Received | Received | Not Received | Received | Received | Received | Not Received | Not Received |
| FT McDOWELL YAVAPAI NATION | Not Received | Partially Complete | Received | Received | Received | Received | Received | Received | Not Received | Not Received |
| SALT RIVER PIMA-MARICOPA IC | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received |
| SALT RIVER PROJECT | Received | N/A | Received | Received | Received | Received | Received | N/A | Not Received | Not Received |

Agenda Item 3:

- S. Ogden discussed the Goals and Objectives (G&O) component of the Plan Update and reviewed the DMA2000 requirements. Criteria for the update and evaluation used by the MJPT included consideration of the G&Os:
 - Past effectiveness of addressing the mitigation needs of the community
 - Relevance to current mitigation needs
 - Conformance to State G&Os
- All participants were directed to Section 8 of their current plans to review the G&Os currently compiled. Handouts of the G&Os documented for Unincorporated Maricopa County were also distributed for those who forgot their plans, since most of the G&Os were similar across all plans. A copy of the State’s G&Os was also distributed for reference.

- S. Ogden led a MJPT team group discussion on the process of updating the G&Os for the Plan Update. The following are highlights of those discussions:
 - Many of the communities felt that the current G&Os were cumbersome, overly detailed, and even confusing.
 - The number of G&Os made the annual reviews very time consuming.
 - Some team members expressed a desire to simplify the G&Os as much as possible and liked the simplicity of the State's G&Os.
- S. Ogden offered the following options for updating the G&O list:
 - Option 1: Leave the Goals and Objectives section of the current plan as-is.
 - Option 2: Revise the current Goals and Objectives section of the current plan with updated language.
 - Option 3: Adopt a slightly modified version of the State G&Os as a base set for the updated multi-jurisdictional plan and then have each community add or augment as they deemed fit.
 - Option 4: Develop all new G&Os through a carding session.
- The MJPT unanimously decided to go with Option 3.
S. Ogden assigned each jurisdiction to review their current plan's G&Os to see if they wanted to keep anything not adequately addressed by the base set of G&Os, develop any supplemental G&Os, and respond with their final list of G&Os to S. Ogden.

Agenda Item 4:

- S. Ogden discussed the Mitigation Actions and Projects (A/Ps) section of the Plan Update. Specifically, the MJPT will go through three steps of updating the section. Those steps include:
 - Step 1 - Review and evaluate the mitigation A/Ps as listed in the current plan.
 - Step 2 - Identify any new mitigation A/Ps to be included in the updated plan (to be discussed in detail at the next meeting).
 - Step 3 - Rank the updated mitigation A/Ps for the updated plan (to be discussed in detail at the next meeting).
- The mitigation A/Ps to be reviewed are included in Table 8.8 of the current plan, and S. Ogden presented and explained a template document and process for use in assessing the existing mitigation A/Ps listed therein. For each mitigation action the jurisdiction shall provide an assessment of the project status and disposition as follows:
 - For status, each A/P shall be evaluated and assigned one of the following descriptors: No Action, In Progress, or Complete
 - For disposition, the descriptors will be either Keep, Revise, or Delete
 - A brief explanation for each descriptor assignment shall be made to provide the background for the decision.

Agenda Item 5: HOMEWORK ASSIGNMENTS

- Each jurisdiction is to review their current plan's G&Os to see if they want to keep anything not adequately addressed by the base set of G&Os, develop any supplemental G&Os, and respond with their final list of G&Os to S. Ogden (DUE BY JUNE 25TH).
- Review and evaluate the current plan's mitigation A/P list in Table 8-8, using the criteria discussed in the meeting and the worksheet to be distributed by S. Ogden to each jurisdiction (DUE BY JUNE 25TH).
- Complete and return the mitigation actions and project table that will be distributed.

Next Meeting

June 25, 2009

9am to 11am

Flood Control District of Maricopa County

Operations Building – Dreamy Draw Conference Room

2801 W. Durango, Phoenix

Memorandum

JE Fuller/ Hydrology & Geomorphology, Inc.

MEETING DATE: June 25, 2009

MEETING TIME: 9:00AM – 11:00AM

MEETING LOCATION: Flood Control District of Maricopa County
Operations Building – Dreamy Draw Conference Room
2801 W. Durango Street
Phoenix, AZ 85009

DISTRIBUTION: Meeting Attendees

FROM: W. Scott Ogden, P.E. - JEF

**RE: Maricopa County Multi-Jurisdictional Multi-Hazard Mitigation Plan
2009 Update**

ATTENDEES:

| | |
|------------------|---|
| Tom Abbott | City of Tempe |
| Jim Begansky | Maricopa County |
| Tom Christmas | Fort McDowell Yavapai Nation |
| Sonny Culbreth | City of Litchfield Park |
| Gil Damiani | City of Mesa |
| Mike DeBenedetto | City of Phoenix |
| Pat Farmer | Town of Carefree |
| Michael K .Gease | Flood Control District of Maricopa County |
| Sheri Gibbons | Town of Gilbert |
| Mark Hannah | Town of Youngtown |
| Bob Hansen | City of Tolleson |
| Jennifer Henry | Maricopa County |
| Cristina Herrera | Maricopa County |
| Dewey Horton | Town of Buckeye |
| Lee Jimenez | Flood Control District of Maricopa County |
| Glenn Jones | City of Peoria |
| Lorenzo Jones | City of Scottsdale |
| Joe LaFortune | Town of Queen Creek |
| Richard Langevin | Maricopa County |
| Bob Lee | Town of Paradise Valley |
| Howard Munding | Town of El Mirage |
| Tim Murphy | Flood Control District of Maricopa County |
| Patrick O'Toole | Salt River Project |
| John Padilla | Maricopa County |
| Harry Parsi | Town of Gila Bend |
| Cliff Puckett | Salt River Pima-Maricopa Indian Community |
| Randy Roberts | Town of Fountain Hills |
| Debra Sheff | City of Glendale |
| Art Snapp | City of Avondale |
| Adam Stein | Town of Cave Creek |
| Jeri Todd | City of Phoenix |
| Mitch Wagner | Maricopa County |

JE Fuller, Inc.

6/25/2009

Marc Walker City of Chandler
Steve Waters Flood Control District of Maricopa County
Ken Waters National Weather Service

Consultants:

Mike Kellogg JE Fuller/ Hydrology & Geomorphology, Inc.
W. Scott Ogden JE Fuller/ Hydrology & Geomorphology, Inc.

AGENDA

1. WELCOME TO PETE WEAVER – MCDEM DIRECTOR
2. STATUS REVIEW
3. VULNERABILITY ANALYSIS RESULTS
4. NEW MITIGATION ACTIONS/PROJECTS
5. IMPLEMENTATION STRATEGY
6. HOMEWORK ASSIGNMENTS

DISCUSSION

Agenda Item 1:

- S. Ogden introduced Pete Weaver, the new Director of Maricopa County Division of Emergency Management.
- Pete Weaver addressed the MJPT and informed them of the upcoming County Wildfire Protection Program (CWPP)

Agenda Item 2:

- S. Ogden distributed the following hard copy handouts:
 - Homework Status Worksheet
 - Preliminary results of the Vulnerability Analysis (VA) including a general summary of community asset exposure and loss estimates, population exposure and risk estimates, and detailed building exposure and loss estimates by jurisdiction.
 - Template example of the Mitigation Actions and Projects table that will be included in the plan document.
- S. Ogden reviewed the overall status of the project and the individual project tasks. The following table reflects the status of each project task per jurisdiction at the time of the meeting. The following project tasks were discussed:

| | |
|---|--|
| ○ Public Involvement | ○ Mitigation hazard list |
| ▪ Website posting | ○ Jurisdictional boundary confirmation |
| ▪ Newspaper notice/article | |
| ○ Calculated priority risk index (CPRI) | ○ Jurisdiction logo submittal |
| | ○ Asset inventory |
| ○ Local team list | ○ Capability assessment |

JEFuller, Inc.

6/25/2009

- Prior mitigation activity
- Goals and objectives confirmation
- Example mitigation actions/projects assessment
- New Mitigation actions/projects and implementation strategy

| Jurisdiction | PI Website Posting DUE 5/31/09 | PI Newspaper Notice/Article DUE 5/31/09 | CPRI DUE 4/27/09 | Local Team List DUE 4/27/09 | Mitigation Hazard List DUE 4/27/09 | Jurisdictional Boundary Confirmation DUE 4/27/09 | Logo DUE 4/27/09 | Asset Inventory DUE 4/27/09 | Capability Assessment DUE 5/14/09 | Prior Mitigation Activity DUE 5/14/09 | Goals & Objectives Confirmation DUE 6/25/09 | Ex Mitigation Actions/Projects Assessment DUE 6/25/09 | New Mitigation A/P and Implementation Strategy DUE 7/16/09 |
|-------------------------|--------------------------------|---|------------------|-----------------------------|------------------------------------|--|------------------|-----------------------------|-----------------------------------|---------------------------------------|---|---|--|
| MARICOPA COUNTY (UNINC) | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Not Received |
| AVONDALE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Not Received |
| BUCKEYE | Received | Received | Received | Received | Received | Received | Received | Received | Partially Complete | Partially Complete | OK As-is | Received | Not Received |
| CAREFREE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Not Received |
| CAVE CREEK | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received | Not Received |
| CHANDLER | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Not Received |
| EL MIRAGE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Not Received |
| FOUNTAIN HILLS | Received | Received | Received | Received | Received | Received | Received | Received | Received | Not Received | OK As-is | Partially Complete | Not Received |
| GILA BEND | Not Received | Not Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received | OK As-is | Not Received | Not Received |
| GILBERT | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Not Received |
| GLENDALE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Not Received |
| GOODYEAR | Received | Not Received | Received | Received | Received | Received | Received | Past Deadline | Not Received | Not Received | Not Received | Not Received | Not Received |
| GUADALUPE | Received | Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received | Not Received | Received | Not Received |
| LITCHFIELD PARK | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received | Not Received |
| MESA | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Not Received |
| PARADISE VALLEY | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Not Received |
| PEORIA | Received | Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received | Not Received | Not Received | Not Received |
| PHOENIX | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Not Received |
| QUEEN CREEK | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Not Received | Not Received |
| SCOTTSDALE | Received | Received | Received | Received | Received | Received | Received | Past Deadline | Received | Received | OK As-is | Received | Not Received |
| SURPRISE | Not Received | Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received | Not Received | Not Received | Not Received |
| TEMPE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Not Received |

| Jurisdiction | PI Website Posting DUE 5/31/09 | PI Newspaper Notice/Article DUE 5/31/09 | CPRI DUE 4/27/09 | Local Team List DUE 4/27/09 | Mitigation Hazard List DUE 4/27/09 | Jurisdictional Boundary Confirmation DUE 4/27/09 | Logo DUE 4/27/09 | Asset Inventory DUE 4/27/09 | Capability Assessment DUE 5/14/09 | Prior Mitigation Activity DUE 5/14/09 | Goals & Objectives Confirmation DUE 6/25/09 | Ex Mitigation Actions/Projects Assessment DUE 6/25/09 | New Mitigation A/P and Implementation Strategy DUE 7/16/09 |
|-----------------------------|--------------------------------|---|------------------|-----------------------------|------------------------------------|--|------------------|-----------------------------|-----------------------------------|---------------------------------------|---|---|--|
| TOLLESON | Received | Received | Received | Received | Not Received | Received | Received | Past Deadline | Received | Not Received | Not Received | Not Received | Not Received |
| WICKENBURG | Not Received | Not Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Not Received |
| YOUNGTOWN | Partially Complete | Received | Received | Received | Not Received | Received | Received | Received | Not Received | Received | Not Received | Received | Not Received |
| FT McDOWELL YAVAPAI NATION | Partially Complete | Received | Received | Received | Received | Received | Received | Received | Received | Not Received | OK As-is | Received | Not Received |
| SALT RIVER PIMA-MARICOPA IC | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Not Received |
| SALT RIVER PROJECT | Received | N/A | Received | Received | Received | Received | Received | N/A | Received | Received | OK As-is | N/A | Not Received |

- Several Jurisdictions expressed concerns regarding the Goals and Objectives (G&O) language that was discussed at the May 14, 2009 meeting. S. Ogden led a MJPT team group discussion to revise the G&O language.
- The MJPT unanimously decided to revise Objective 1 in the G&O statement to the following: *Reduce or eliminate risks that threaten life and property in the incorporated, unincorporated, and Tribal jurisdictions within Maricopa County.*

Agenda Item 3:

- S. Ogden reviewed the preliminary VA result tables with MJPT team and explained the computational methodology and summarized results in detail.
- Each jurisdiction was asked to take the VA summary tables back to their local teams, review the results, and respond with any questions or concerns.
- The Town of Gilbert (Gilbert) had expressed concern regarding the results of the preliminary VA that was presented at the May 14, 2009 meeting. Gilbert had included a comprehensive inventory of their water/wastewater piping system in their asset inventory dataset. As a result, Gilbert's assets made up more than 70% of the total assets for all jurisdictions within the county. At the June 25 meeting, Gilbert and several other jurisdictions expressed concerns that the Gilbert asset information was skewing the summary results. The MJPT discussed the issue and unanimously decided that Gilbert's water/wastewater piping system information would be excluded from the county-wide VA summary tables, but would be included in Gilbert individual VA summary tables.

Agenda Item 4:

- S. Ogden reviewed the 3-Step Mitigation Actions/Projects (A/Ps) update process that was introduced at the May 14, 2009 meeting. The steps include:
 - Step 1 - Review and evaluate the mitigation A/Ps as listed in the current plan (discussed during the May 14, 2009 meeting).
 - Step 2 - Identify any new mitigation A/Ps to be included in the updated plan.
 - Step 3 - Rank the updated mitigation A/Ps for the updated plan.
- S. Ogden discussed Step 2 in detail with MJPT. S. Ogden discussed the following mitigation measure categories and gave examples for each:
 - Prevention
 - Land development regulations
 - Open space preservation
 - Planning and zoning ordinances
 - Storm water management plans
 - CIP
 - Property protection
 - Acquisition
 - Relocation
 - Rebuilding
 - Floodproofing
 - Public education/awareness

- Inform people about hazards and how to reduce damages/injury
- Directed toward property owners, businesses, and visitors
- Natural resource protection
 - Erosion and sediment control
 - Wetlands protection
 - Public open space expansion
 - Environmental restoration
- Emergency services
 - Protection of warning capability
 - Protection of critical facilities
 - Protection of infrastructure for emergency response
- Structural projects
 - Reservoirs
 - Levees and floodwalls
 - Diversions
 - Channel construction and modifications
 - Storm sewers
- S. Ogden reviewed the Mitigation A/Ps table template handout with the MJPT. The template handout included two example mitigation A/Ps. S. Ogden asked each jurisdiction to complete the table with the mitigation A/Ps from their existing plans and any new mitigation A/Ps that they would like to include in the plan update.
- S. Ogden provided the following additional guidelines for completing the mitigation A/Ps tables:
 - Each jurisdiction must have at least one A/P for each hazard they identified in their community
 - Be specific with the project descriptions
 - Include any A/Ps in which they intend to seek grant funding
 - Tell the “what” and “why” in the project descriptions
 - Must have at least one mitigation A/P that addresses compliance with the NFIP

Agenda Item 5: HOMEWORK ASSIGNMENTS

- Each jurisdiction is to review and complete any past assignments shown as *Not Received* or *Partially Complete* in the assignment table.
- Each jurisdiction is to identify any NEW mitigation A/Ps and accompanying mitigation strategies for their communities.
- Each jurisdiction is to complete the mitigation A/Ps table that will be distributed to them by S. Ogden following the June 25, 2009 meeting.

Next Meeting

July 16, 2009

9am to 11am

Flood Control District of Maricopa County

Adobe Conference Room

2801 W. Durango, Phoenix

Memorandum

JE Fuller/ Hydrology & Geomorphology, Inc.

MEETING DATE: July 16, 2009

MEETING TIME: 9:00AM – 11:00AM

MEETING LOCATION: Flood Control District of Maricopa County
Operations Building – Dreamy Draw Conference Room
2801 W. Durango Street
Phoenix, AZ 85009

DISTRIBUTION: Meeting Attendees

FROM: W. Scott Ogden, P.E. - JEF

**RE: Maricopa County Multi-Jurisdictional Multi-Hazard Mitigation Plan
2009 Update**

ATTENDEES:

| | |
|-------------------|--|
| Tom Abbott | City of Tempe |
| Tom Christmas | Fort McDowell Yavapai Nation |
| Ed Copp | Salt River Project |
| Sonny Culbreth | City of Litchfield Park |
| Gil Damiani | City of Mesa |
| Mike DeBenedetto | City of Phoenix |
| Pat Farmer | Town of Carefree |
| Mark Hannah | Town of Youngtown |
| Bob Hansen | City of Tolleson |
| Jennifer Henry | Maricopa County |
| Cristina Herrera | Maricopa County Department of Emergency Management |
| Dewey Horton | Town of Buckeye |
| Lee Jimenez | Flood Control District of Maricopa County |
| Glenn Jones | City of Peoria |
| Joe LaFortune | Town of Queen Creek |
| Richard Langevin | Maricopa County |
| Russ Loumav | Town of Paradise Valley |
| Ronnie Miller | Town of Wickenburg |
| Tim Murphy | Flood Control District of Maricopa County |
| John Padilla | Maricopa County |
| Harry Parsi | Town of Gila Bend |
| Cliff Puckett | Salt River Pima-Maricopa Indian Community |
| David Ramirez | Town of Goodyear |
| Randy Roberts | Town of Fountain Hills |
| John Rose | Maricopa County Department of Transportation |
| Debra Sheff | City of Glendale |
| Art Snapp | City of Avondale |
| Adam Stein | Town of Cave Creek |
| Kerry Swick | City of Scottsdale |
| Julie Syrmopoulos | Maricopa County Department of Emergency Management |
| Jeri Todd | City of Phoenix |
| Mitch Wagner | Maricopa County Department of Transportation |

JEFuller, Inc.

7/16/2009

Marc Walker City of Chandler
Steve Waters Flood Control District of Maricopa County
Ken Waters National Weather Service

Consultants:

W. Scott Ogden JE Fuller/ Hydrology & Geomorphology, Inc.

AGENDA

1. STATUS REVIEW
 2. PROJECT SCHEDULE
 3. PHASE 2 PUBLIC INVOLVEMENT
 4. RESOLUTION OF ADOPTION TEMPLATE
 5. HOMEWORK ASSIGNMENTS
 6. CLOSING THOUGHTS
-
-

DISCUSSION

Agenda Item 1:

- S. Ogden distributed an updated copy of Homework Status Sheet and discussed the outstanding items. A copy of the status sheet is shown below.
- S.Ogden stressed that the last two columns were critical to those communities receiving FEMA approval and must be provided.
- A new deadline of Wednesday, July 22 was given to complete all homework. Failure to meet this deadline will jeopardize the community's continued participation.

Agenda Item 2:

- S. Ogden distributed a gant chart timeline showing the planning elements remaining and milestones. The following is a summary:
 - Draft Plan will be sent to the MJPT and ADEM for review on Aug 1st.
 - MJPT and ADEM will complete review in 4 weeks. The legal review should occur during this period as well. The majority of the MJPT felt that the legal review would be fine at this time and should not have to be revisited. S. Ogden encouraged the MJPT to remind legal staff that this is an update to an already established document.
 - JEF will address all comments and prepare a final draft for submittal to FEMA. Target submittal date is Sept 15th.
 - FEMA review is estimated at 6 weeks.
 - JEF will respond to FEMA comments and anticipates receiving the "approvable pending adoption" letter by mid Nov.
 - Each jurisdiction will then promulgate (get official adoption through a resolution) and send the resolutions to FEMA and ADEM, copying MCDEM and JEF.

| Jurisdiction | PI Website Posting DUE 5/31/09 | PI Newspaper Notice/Article DUE 5/31/09 | CPRI DUE 4/27/09 | Local Team List DUE 4/27/09 | Mitigation Hazard List DUE 4/27/09 | Jurisdictional Boundary Confirmation DUE 4/27/09 | Logo DUE 4/27/09 | Asset Inventory DUE 4/27/09 | Capability Assessment DUE 5/14/09 | Prior Mitigation Activity DUE 5/14/09 | Goals & Objectives Confirmation DUE 6/25/09 | Ex Mitigation Actions/Projects Assessment DUE 6/25/09 | New Mitigation A/P and Implementation Strategy DUE 7/16/09 |
|-----------------------------|-----------------------------------|---|---------------------|--------------------------------|--|---|---------------------|--------------------------------|---|---|---|--|--|
| MARICOPA COUNTY (UNINC) | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received |
| AVONDALE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| BUCKEYE | Received | Received | Received | Received | Received | Received | Received | Received | Partially Complete | Partially Complete | OK As-is | Received | Received |
| CAREFREE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| CAVE CREEK | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| CHANDLER | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Not Received |
| EL MIRAGE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received |
| FOUNTAIN HILLS | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| GILA BEND | N/A | Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received | OK As-is | Not Received | Not Received |
| GILBERT | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| GLENDALE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received |
| GOODYEAR | Received | Past Deadline | Received | Received | Received | Received | Received | Past Deadline | Not Received | Not Received | Default OK As-is | Not Received | Not Received |
| GUADALUPE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Not Received |
| LITCHFIELD PARK | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Partially Complete |
| MESA | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received |
| PARADISE VALLEY | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received |
| PEORIA | Received | Received | Received | Received | Received | Received | Received | Received | Partially Complete | Not Received | OK As-is | Received | Received |
| PHOENIX | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| QUEEN CREEK | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Not Received | Not Received |
| SCOTTSDALE | Received | Received | Received | Received | Received | Received | Received | Past Deadline | Received | Received | OK As-is | Received | Not Received |
| SURPRISE | Past Deadline | Received | Received | Received | Received | Received | Received | Received | Not Received | Not Received | Default OK As-is | Not Received | Not Received |
| TEMPE | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| TOLLESON | Received | Received | Received | Received | Received | Received | Received | Past Deadline | Received | Received | OK As-is | Received | Received |
| WICKENBURG | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received |
| YOUNGTOWN | Past Deadline | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| FT McDOWELL YAVAPAI NATION | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| SALT RIVER PIMA-MARICOPA IC | Received | Received | Received | Received | Received | Received | Received | Received | Received | Received | OK As-is | Received | Received |
| SALT RIVER PROJECT | Received | N/A | Received | Received | Received | Received | Received | N/A | Received | Received | OK As-is | N/A | Received |

Agenda Item 3:

- S. Ogden reviewed the public involvement requirements with focus on the period of comment after the draft is prepared and prior to promulgation.
- The MJPT discussed the options available and concluded that an updated post would be made to each jurisdiction's website informing the public that the draft was completed and available for comment. The actual draft would reside on the County's permanent website. Each community would also follow normal open meeting laws during the resolution adoption period as well.
- JEF will deliver revised language for use on the websites and the target date for the repost is on or around Sept 15th.

Agenda Item 4:

- S. Ogden distributed a draft template resolution for use by each community in adopting the Plan. The MJPT read through the draft and made a few edits.
- The final template shall be used as basis for each community, however, all resolutions do not have to be identical.

Agenda Item 5: HOMEWORK ASSIGNMENTS

- Complete past assignments ASAP. Final deadline of July 22nd.
- Review draft and make arrangements for legal review within the 4 week period.
- Perform Phase 2 notice on or around Sept 15th. JEF will distribute language for the websites
- Begin to plan for resolution adoption by initiating discussions with board and council members.

Agenda Item 6:

- J. Symopoulos made some closing remarks on behalf of MCDEM and gave details regarding the upcoming Community Wildfire Protection Plan. She encouraged everyone to stay involved.

| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Office Phone | Cell Phone | E-Mail Address |
|------------------|-------------------------------------|----------------------------|------------------------------|--------------|------------|-----------------------------------|
| GLORIA FLORES | MCDERM | | PLANNER | 602 273-1411 | | GLORIA FLORES @ MAIL.MARICOPA.GOV |
| JOHN J. ROSE | MCDOT | SURVEY BRANCH | SURVEY MANAGER | 602-506-4679 | | johnrose@mail.maricopa.gov |
| LORENZO JONES | City of Scottsdale | EMERGENCY MANAGEMENT | EMERGENCY MANAGEMENT OFFICER | 480 312-1821 | | ljones@scottsdaleaz.gov |
| OTHELL NEWBILL | City of Goodyear | " " | EMERGENCY MANAGEMENT COORD. | 623-882-7112 | | onewbill@goodyearaz.gov |
| Ken Waters | National Weather Service | Warning Coordinator | WCM | 602-275-7002 | | ken_waters@noaa.gov |
| BOB HANSEN | City of Tolleson | Fire Department | Division Chief | 623-936-8500 | | bhansen@tollesonaz.org |
| Kevin Pool | City of Surprise | Fire Department | Assistant Chief | 623-222-5022 | | Kevin.Pool@surpriseaz.com |
| Gino Turubiotics | Town of Guadalupe | Community Development | Director | 480 505 5399 | | gturubiotics@guadalupeaz.org |
| Tom Abbott | City of Tempe | Fire Dept. | Deputy Chief | 480 858 7219 | | tom_abbott@tempe.gov |
| Jim Begansky | MCDERM | | Planner | 602 273 1411 | | jimbegansky@mail.maricopa.gov |
| JASON HOWARD | MARICOPA ASSOCIATION OF GOVERNMENTS | | GIS MANAGER | 602.254.6300 | | jhoward@mag.maricopa.gov |
| MITCH WAGNER | MCDOT | TRANSPORTATION PLANNING | SR. PLANNER | 602-506-8054 | | MITCHWAGNER@MAIL.MARICOPA.GOV |



| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Office Phone | Cell Phone | E.Mail Address |
|------------------------------------|---|------------------------------------|--|--------------|---------------------|-----------------------------------|
| Tom Abbott <i>TA</i> | City of Tempe | Fire Department | Deputy Chief | 480.858.7219 | | tom_abbott@tempe.gov |
| Jim Begansky <i>JB</i> | Maricopa County | Department of Emergency Management | Planner | 602.273.1411 | | jimbegansky@mail.maricopa.gov |
| Brian Berndt | City of Avondale | Development Services | Director | 623.333.4011 | | bberndt@avondale.org |
| Tom Christmas <i>TC</i> | Fort McDowell Yavapai Nation | Fire Department | Fire Chief | 480.789.7521 | | tchristmas@ftmcdowell.org |
| <i>W</i> Ed Copp <i>PAT PROCKE</i> | Salt River Project | Busi Cont & Emergency Management | Manager | 602.236.8106 | 602.333.5635 | Ed.Copp@srpnet.com |
| Sonny Culbreth | City of Litchfield Park | | Emergency Management Coordinator | | | sculbreth@litchfield-park.org |
| Gil Damiani <i>GD</i> | City of Mesa | Emergency Management | Emergency Management Coordinator | 480.644.2631 | 480.682.7760 | Gil.Damiani@mesaaz.gov |
| Mike DeBenedetto | City of Phoenix | Emergency Management | Emergency Management Coordinator | 602.495.2077 | | michael.debenedetto@phoenix.gov |
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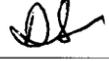
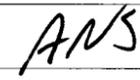
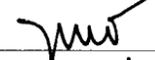
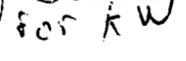
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| Steve Waters  | Flood Control District of Maricopa County | Flood Warning | Flood Warning Manager | 602.506.4694 | | sdw@mail.maricopa.gov |
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| Sue Wood | Arizona Division of Emergency Management | Mitigation | Program Manager | 602.392.7518 | | susan.wood@azdema.gov |
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| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Office Phone | Cell Phone | E-Mail Address |
|----------------------------|---|--|--|--------------|--------------|-----------------------------------|
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| Karl Emberg | Town of Paradise Valley | Police Department | Police Lieutenant | 480.948.7418 | | KEmberg@paradisevalleyaz.gov |
| Pat Farmer <i>PF</i> | Town of Carefree | Marshal | Marshal | 480.488.3686 | 602.826.2169 | pat@carefree.org |
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| Devlin Fung | City of Glendale | Information Technology / GIS | Senior GIS Analyst | 623.930.4424 | | dfung@glendaleaz.com |
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| Jason Howard <i>JH</i> | Maricopa Association of Governments | | GIS Manager | 602.254.6300 | | jhoward@mag.maricopa.gov |
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| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Office Phone | Cell Phone | E-Mail Address |
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| Bob Marshall | City of Goodyear | Fire Department | Emergency Manager | 623.882.7159 | | rmarshall@goodyearaz.gov |
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| Alfred Medina | Town of Guadalupe | Fire Department | Captain | 480.839.1112 | 602.361.3674 | almedina@cox.net |
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| Howard Munding | Town of El Mirage | Fire Department | Assistant Fire Chief | 623.876.4248 | 623.518.0422 | hmunding@cityofelmirage.org |
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| David Ramirez <i>DR</i> | " " " | City Engineer | | 623-892-7954 | | davidramirez@goodyearaz.gov |
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| Rodney Phelps | Gila River Indian Community | Office of Emergency Management | Emergency Operations Specialist | 520.592.4487 | 520.610.0756 | rodney.phelps@gric.nsn.us |
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| Kevin Pool | City of Surprise | Fire Department | Assistant Chief | 623.222.5022 | | kevin.pool@surpriseaz.com |
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| Name | Jurisdiction/Agency/Organization | Department/Division/Branch | Title | Office Phone | Cell Phone | E-Mail Address |
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| Sharon Sanders | Maricopa County | Community Development | | | 602.392.1529 | ssanders3@mccd.maricopa.gov |
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| Debra Sheff | City of Glendale <i>DS</i> | Office of Emergency Management | Operations & Training Officer | 623.872.5008 | 602.616.1759 | dsheff@glendaleaz.com |
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