

Appendix B – URS HWM Collection Form and Datasheets

High Water Mark Data Sheet

Flagging

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|--|--|
| HWM ID | |
| Flagging Date and Time | |
| Stream Name (Flooding Source) | |
| Reach Identification (upper, mid, lower) | |
| Location (City/Town, County, State) | |
| Structure Address (Road for bridge, Address for building) | |
| Feature Description (bridge, building, tree, etc.) | |
| Location Relative to Channel (in channel, adjacent, in fringe) | |
| Zone Designation (A, AE, X) | |
| Type of HWM (mud, debris, wrack, clear water, or veg line) | |
| Quality of HWM (good, fair, poor) | |
| Digital Photo ID | |
| Comments (Description of HWM to locate later) | |

Survey

| | |
|---------------------------------------|--|
| Survey Date and Time | |
| Surveyor Name | |
| Vertical Datum | |
| Horizontal Datum | |
| Latitude | |
| Longitude | |
| Elevation | |
| Accuracy (good, fair, poor) | |
| Comments | |

High Water Mark Data Sheet

Flagging

| | |
|---|--|
| HWM ID | URS_1 |
| Flagging Date and Time | 12/12/06 10:50a MST |
| Stream Name (Flooding Source) | Convergence of flood waters from local streets |
| Reach Identification (upper, mid, lower) | N/A |
| Location (City/Town, County, State) | City of El Paso, Texas |
| Structure Address¹ (Road for bridge, Address for building) | |
| Feature Description (bridge, building, tree, etc.) | Residential home |
| Location Relative to Channel (in channel, adjacent, in fringe) | ~50 feet NW of drainage channel |
| Zone Designation (A, AE, X) | Zone X |
| Type of HWM (mud, debris, wrack, clear water, or veg line) | mud |
| Quality of HWM (good, fair, poor) | good |
| Digital Photo ID | URS_1_*.jpg |
| Comments (Description of HWM to locate later) | Near the intersection of Thunderbird DR and N Mesa ST; behind Blockbuster; Survey point on S wall of living room |

Survey

| | |
|---------------------------------------|--|
| Survey Date and Time | 12/13/06 1:30p MST |
| Surveyor Name | URS-Albuquerque Surveyor |
| Horizontal Datum | NAD83 |
| Vertical Datum | NAVD88 |
| Latitude | 10682957.98 |
| Longitude | 372060.354 |
| Elevation | 4034.986 |
| Accuracy (good, fair, poor) | good |
| Comments | Survey Projection: State Plane Texas Central FIPS 4203 |

¹ Addresses have been deleted to protect the privacy of residents.

High Water Mark Data Sheet

Flagging

| | |
|---|--|
| HWM ID | URS_2 |
| Flagging Date and Time | 12/12/06 11:15a MST |
| Stream Name (Flooding Source) | Convergence of flood waters from local streets |
| Reach Identification (upper, mid, lower) | N/A |
| Location (City/Town, County, State) | City of El Paso, Texas |
| Structure Address¹ (Road for bridge, Address for building) | |
| Feature Description (bridge, building, tree, etc.) | Residential home |
| Location Relative to Channel (in channel, adjacent, in fringe) | ~100 feet NW of drainage channel |
| Zone Designation (A, AE, X) | Zone X |
| Type of HWM (mud, debris, wrack, clear water, or veg line) | mud |
| Quality of HWM (good, fair, poor) | good |
| Digital Photo ID | URS_2_*.jpg |
| Comments (Description of HWM to locate later) | Near the intersection of Thunderbird DR and N Mesa ST; behind Blockbuster; Survey point on E wall of living room |

Survey

| | |
|---------------------------------------|--|
| Survey Date and Time | 12/13/06 2:00p MST |
| Surveyor Name | URS-Albuquerque Surveyor |
| Horizontal Datum | NAD83 |
| Vertical Datum | NAVD88 |
| Latitude | 10683032.14 |
| Longitude | 372023.668 |
| Elevation | 4034.982 |
| Accuracy (good, fair, poor) | good |
| Comments | Survey Projection: State Plane Texas Central FIPS 4203 |

¹ Addresses have been deleted to protect the privacy of residents.

High Water Mark Data Sheet

Flagging

| | |
|---|---|
| HWM ID | URS_3 |
| Flagging Date and Time | 12/12/06 3:50p MST |
| Stream Name (Flooding Source) | Arroyo on E side of Mowad subdivision |
| Reach Identification (upper, mid, lower) | lower |
| Location (City/Town, County, State) | City of El Paso, Texas |
| Structure Address¹ (Road for bridge, Address for building) | |
| Feature Description (bridge, building, tree, etc.) | Residential home |
| Location Relative to Channel (in channel, adjacent, in fringe) | ~100 feet NW of arroyo |
| Zone Designation (A, AE, X) | Zone A |
| Type of HWM (mud, debris, wrack, clear water, or veg line) | mud |
| Quality of HWM (good, fair, poor) | fair |
| Digital Photo ID | URS_3_*.jpg |
| Comments (Description of HWM to locate later) | In the Mowad subdivision N of the intersection of Artcraft RD and Doniphan DR on Mowad RD; Survey point on S wall of front room |

Survey

| | |
|---------------------------------------|--|
| Survey Date and Time | 12/13/06 3:00p MST |
| Surveyor Name | URS-Albuquerque Surveyor |
| Horizontal Datum | NAD83 |
| Vertical Datum | NAVD88 |
| Latitude | 10708796.22 |
| Longitude | 354363.906 |
| Elevation | 3768.023 |
| Accuracy (good, fair, poor) | good |
| Comments | Survey Projection: State Plane Texas Central FIPS 4203 |

¹ Addresses have been deleted to protect the privacy of residents.

High Water Mark Data Sheet

Flagging

| | |
|---|--|
| HWM ID | URS_4 |
| Flagging Date and Time | 12/12/06 3:56p MST |
| Stream Name (Flooding Source) | Arroyo on E side of Mowad subdivision |
| Reach Identification (upper, mid, lower) | lower |
| Location (City/Town, County, State) | City of El Paso, Texas |
| Structure Address¹ (Road for bridge, Address for building) | |
| Feature Description (bridge, building, tree, etc.) | New residential home under construction |
| Location Relative to Channel (in channel, adjacent, in fringe) | ~200 feet NW of arroyo |
| Zone Designation (A, AE, X) | Zone A |
| Type of HWM (mud, debris, wrack, clear water, or veg line) | mud |
| Quality of HWM (good, fair, poor) | fair |
| Digital Photo ID | URS_4_*.jpg |
| Comments (Description of HWM to locate later) | In the Mowad subdivision N of the intersection of Artcraft RD and Doniphan DR on Mowad RD; Survey point on W inside wall of garage |

Survey

| | |
|---------------------------------------|--|
| Survey Date and Time | 12/13/06 2:45p MST |
| Surveyor Name | URS-Albuquerque Surveyor |
| Horizontal Datum | NAD83 |
| Vertical Datum | NAVD88 |
| Latitude | 10708669.55 |
| Longitude | 354132.441 |
| Elevation | 3765.646 |
| Accuracy (good, fair, poor) | good |
| Comments | Survey Projection: State Plane Texas Central FIPS 4203 |

¹ Addresses have been deleted to protect the privacy of residents.

High Water Mark Data Sheet

Flagging

| | |
|---|---|
| HWM ID | URS_5 |
| Flagging Date and Time | 12/12/06 4:02p MST |
| Stream Name (Flooding Source) | Arroyo on E side of Mowad subdivision |
| Reach Identification (upper, mid, lower) | lower |
| Location (City/Town, County, State) | City of El Paso, Texas |
| Structure Address¹ (Road for bridge, Address for building) | |
| Feature Description (bridge, building, tree, etc.) | Residential home |
| Location Relative to Channel (in channel, adjacent, in fringe) | ~700 feet NW of arroyo |
| Zone Designation (A, AE, X) | Zone A |
| Type of HWM (mud, debris, wrack, clear water, or veg line) | mud |
| Quality of HWM (good, fair, poor) | good |
| Digital Photo ID | URS_5_*.jpg |
| Comments (Description of HWM to locate later) | In the Mowad subdivision N of the intersection of Artcraft RD and Doniphan DR on Mowad RD; Survey point on E outside wall of garage |

Survey

| | |
|---------------------------------------|--|
| Survey Date and Time | 12/13/06 3:30p MST |
| Surveyor Name | URS-Albuquerque Surveyor |
| Horizontal Datum | NAD83 |
| Vertical Datum | NAVD88 |
| Latitude | 10708853.34 |
| Longitude | 353702.964 |
| Elevation | 3764.795 |
| Accuracy (good, fair, poor) | good |
| Comments | Survey Projection: State Plane Texas Central FIPS 4203 |

¹ Addresses have been deleted to protect the privacy of residents.

High Water Mark Data Sheet

Flagging

| | |
|---|--|
| HWM ID | URS_6 |
| Flagging Date and Time | 12/12/06 4:08p MST |
| Stream Name (Flooding Source) | Arroyo on E side of Mowad subdivision |
| Reach Identification (upper, mid, lower) | lower |
| Location (City/Town, County, State) | City of El Paso, Texas |
| Structure Address¹ (Road for bridge, Address for building) | |
| Feature Description (bridge, building, tree, etc.) | Residential home |
| Location Relative to Channel (in channel, adjacent, in fringe) | ~800 feet NW of arroyo |
| Zone Designation (A, AE, X) | Zone A |
| Type of HWM (mud, debris, wrack, clear water, or veg line) | mud |
| Quality of HWM (good, fair, poor) | good |
| Digital Photo ID | URS_6_*.jpg |
| Comments (Description of HWM to locate later) | In the Mowad subdivision N of the intersection of Artcraft RD and Doniphan DR on Mowad RD; Survey point on W wall of living room |

Survey

| | |
|---------------------------------------|--|
| Survey Date and Time | 12/13/06 4:00p MST |
| Surveyor Name | URS-Albuquerque Surveyor |
| Horizontal Datum | NAD83 |
| Vertical Datum | NAVD88 |
| Latitude | 10708806.94 |
| Longitude | 353588.758 |
| Elevation | 3764.749 |
| Accuracy (good, fair, poor) | good |
| Comments | Survey Projection: State Plane Texas Central FIPS 4203 |

¹ Addresses have been deleted to protect the privacy of residents.

High Water Mark Data Sheet

Flagging

| | |
|---|---|
| HWM ID | URS_7 |
| Flagging Date and Time | 12/12/06 4:15p MST |
| Stream Name (Flooding Source) | Arroyo on E side of Mowad subdivision |
| Reach Identification (upper, mid, lower) | lower |
| Location (City/Town, County, State) | City of El Paso, Texas |
| Structure Address¹ (Road for bridge, Address for building) | |
| Feature Description (bridge, building, tree, etc.) | Residential home |
| Location Relative to Channel (in channel, adjacent, in fringe) | ~500 feet NW of arroyo |
| Zone Designation (A, AE, X) | Zone A |
| Type of HWM (mud, debris, wrack, clear water, or veg line) | mud |
| Quality of HWM (good, fair, poor) | good |
| Digital Photo ID | URS_7_*.jpg |
| Comments (Description of HWM to locate later) | In the Mowad subdivision N of the intersection of Artcraft RD and Doniphan DR on Mowad RD; Survey point on S outside wall of home |

Survey

| | |
|---------------------------------------|--|
| Survey Date and Time | 12/13/06 4:30p MST |
| Surveyor Name | URS-Albuquerque Surveyor |
| Horizontal Datum | NAD83 |
| Vertical Datum | NAVD88 |
| Latitude | 10708527.06 |
| Longitude | 353686.606 |
| Elevation | 3764.762 |
| Accuracy (good, fair, poor) | good |
| Comments | Survey Projection: State Plane Texas Central FIPS 4203 |

¹ Addresses have been deleted to protect the privacy of residents.