

KINGMAN FIELD OFFICE SCOPING FORM

Proposal:

DOI-BLM-AZ-C010-2013-0019-CX

NEPA Document Number

RMP Implementation No.

Document Location: S:\Blmshare\LANDS\MohaveCnty\Mohave Co Flood Control\AlertMonitoringROWS\TiptonCanyonAZA35524

Land Description:

- T. 25 N., R. 17 W., sec. 30 Lot 5 (AZA 035524 - Tipton Canyon)
- T. 24 N., R 21 W., sec 23, SE¼NE¼SW¼ (AZA 35526 - Lost Cabin Spring)
- T. 27 N., R 18 W., sec. 30, Lot 4 (AZA 35522 - Table Mountain Plateau)
- T. 26 N., R 18 W., sec. 33 NE¼NE¼NE¼ (AZA 35523 Antelope Springs)

Applicant: Mohave County Flood Control

Authorization: Rights-of-Ways

INVOLVEMENT: Indicate in the left column which disciplines need to provide information into the EA.

Needed Input (X)	Discipline	Signature
	Lands	
	Minerals	
	Range	
	Wild Horse and Burro	
X	General Recreation	/s/ Len Marceau 09/27/2013
X	Cultural and Paleontological Resources	/s/ Tim Watkins 09/23/2013
	Wilderness	
	Soils	
	Surface and Groundwater Quality/Water Rights	
	Air Quality	
	Wildlife	
X	Threatened and Endangered Plants and Animals	
X	Migratory Birds	
	Surface Protection	
	Hazardous Materials	
	Areas of Critical Environmental Concern	
X	Visual Resources	/s/ Len Marceau 09/25/2013
	Socio-Economics/Environmental Justice	
	General Botany/Noxious Weeds	
	Energy Policy	

Writer: /s/ Maria Troche

Date: 09/26/2013

Environmental Coordinator: /s/ Ramone B. McCoy

Date: 09/27/2013

Field Manager: /s/ Len Marceau (AFM – NRR)

Date: 09/27/2013

CATEGORICAL EXCLUSION DOCUMENTATION FORMAT FOR ACTIONS OTHER THAN HAZARDOUS FUELS AND FIRE REHABILITATION ACTIONS

North Kingman ALERT Weather Monitoring Stations NEPA Number DOI-BLM-AZ-C010-2013-0019-CX

A. BACKGROUND

BLM Office: Kingman Field Office

Lease/Serial/Case File No.: AZA 035524, AZA 035526, AZA 035522, AZA 035523

Proposed Action Title/Type: Right-of-way for four flood control weather monitoring devices.

Location of Proposed Action:

Gila and Salt River Meridian, Arizona (AZA 035524 Tipton Canyon)
T. 25 N., R 17 W., Sec 30, Lot 5.

Gila and Salt River Meridian, Arizona (AZA 035526 Lost Cabin Spring)
T. 24 N., R 21 W., sec 23, SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$.

Gila and Salt River Meridian, Arizona (AZA 035522 Table Mountain Plateau)
T. 27 N., R 18 W., Sec. 30, Lot 4.

Gila and Salt River Meridian, Arizona (AZA 035523 Antelope Springs)
T. 26 N., R 18 W., Sec. 33 NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$.

Description of Proposed Action:

The proposed action would be to grant four rights-of-way to Mohave County for ALERT weather stations. The monitoring devices would each consist of a 1-foot-diameter standpipe, which would stand about 10 feet tall and would be equipped with weather monitoring sensors, such as a precipitation gauge, a small solar panel (approximately 1–2 square feet), a radio transmitter, an approximately 6-foot-tall antenna mast (mounted about 2 feet below the top of the standpipe), and an approximately 3-foot-long horizontally mounted antenna for directional transmission or vertically mounted for omni-directional transmission. The right-of-way area would be 10 × 10 feet (0.002 acres). The construction is anticipated to take two to four hours depending on the number of sensors installed and regular maintenance every six months. The proposed term would be through December 31, 2043.

Attachment 1: Extraordinary Circumstances Review	Comment (Yes or No with supporting Rationale)
1. Have significant effects on public health or safety.	No. The proposed monitoring station would have beneficial effects to public health and safety by providing public officials, emergency responders, and the general public with real time monitoring of weather conditions. There are no adverse impacts or significant effects.
2. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988) national monuments; migratory birds; and other ecologically significant or critical areas.	No. The area disturbed by these would be very small (10 ft. by 10 ft.) each. Cultural resource inventories were conducted. No significant impacts will occur as a result of the action. The proposed Tipton Canyon station, located within a wilderness “cherry-stem” and the Antelope Spring station would both be installed outside of the wilderness boundary area.
3. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources [NEPA Section 102(2)(E)].	No. The environmental effects would be non-controversial and no conflicts concerning available resources were identified. Similar monitoring devices have been installed with no concerns regarding effects.
4. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks.	No. The environmental effects of this device would be limited to the elimination of a few plants, if any, and the displacement of any rodents or insects inhabiting those specific locations. These kinds of impacts are quite common, the effects of similar actions, though not necessarily documented, have been observed for hundreds of years. Similar monitoring devices have been installed in the BLM Kingman area with no significant effects or risks.
5. Establishes a precedent for future action or represents a decision in principle about future actions with significant environmental effects.	No. Any future proposals to install similar devices are discretionary on the part of the BLM Authorized Officer and subject to NEPA.
6. Have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects.	No. These devices are relatively small and their operations and maintenance would not contribute significantly to the altering of the this area’s natural landscape by incrementally filling it with human created features as long as the threshold deemed as significant is not exceeded, which is not anticipated to be achieved for many more years, if ever.
7. Have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places as determined by either the bureau or office.	No. There are no properties listed, or eligible for listing, on the National Register of Historic Places in within the project location.
8. Have significant impacts on species listed, or proposed to be listed, on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species.	No. A biological assessment was prepared for the proposed locations. The Tipton site was within the 10J area for California condor, but it will not jeopardize the continued existence of condor. The Antelope Canyon site was within 10J area for California condor and Peregrine Falcon area but would not jeopardize the continued existence of either species. The Lost Cabin site is within desert tortoise habitat but would not jeopardize the continued existence of the species. No other T&E or proposed species or critical habitat is present.

<p>Attachment 1: Extraordinary Circumstances Review</p> <p>(Continued)</p>	<p>Comment (Yes or No with supporting Rationale)</p>
<p>9. Violate a Federal law, or a State, local, or tribal law or requirement imposed for the protection of the environment.</p>	<p>No. The granting of this right-of-way would not violate any laws or any requirements imposed for the protection of the environment.</p>
<p>10. Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898).</p>	<p>No. The effects of the proposed right-of-way would benefit the public as a whole equally.</p>
<p>11. Limit access to and ceremonial use of Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007).</p>	<p>No. This site is not known to be sacred, nor would the placement of these monitoring devices or their maintenance impact access to any ceremonially used Indian sacred sites on Federal lands.</p>
<p>12. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112).</p>	<p>No. Although non-native plant species may exist in these areas it is not anticipated that the construction, maintenance, operation, or termination of the proposed devices would contribute to the introduction or spread of non-native invasive species noxious weeds because no heavy machinery will be used, no noxious weeds were, and the area of soil disturbance is small.</p>

ATTACHMENT 2 APPROVAL AND DECISION

Compliance and assignment of responsibility: Lands & Reality, Melissa Patriquin
Monitoring and assignment of responsibility: Lands & Reality, Melissa Patriquin

Review: *We have determined that the proposal is in accordance with the categorical exclusion criteria and that it would not involve any significant environmental effects. Therefore, it is categorically excluded from further environmental review.*

Prepared by:	<u> /s/ Maria Troche </u> <i>Maria Troche</i> Project Lead	Date: <u> 09/23/2013 </u>
Reviewed by:	<u> /s/ Ramone B. McCoy </u> <i>Ramone McCoy</i> NEPA Coordinator	Date: <u> 09/26/2013 </u>
Reviewed by:	<u> /s/ Len Marceau for </u> <i>Ruben Sánchez</i> Field Manager	Date: <u> 09/27/2013 </u>

Description of the Proposed Action: The proposed action would be to grant four rights-of-way to Mohave County for the Tipton Canyon, Lost Cabin spring, Table Mountain Plateau, and Antelope Canyon weather stations. The monitoring devices would consist of a 1-foot-diameter standpipe, which would stand about 10 feet tall and would be equipped with weather monitoring sensors, such as a precipitation gage, a small solar panel (approximately 1–2 square feet), a radio transmitter, an approximately 6-foot-tall antenna mast (mounted about 2 feet below the top of the standpipe), and an approximately 3-foot-long horizontally mounted antenna for directional transmission or vertically mounted for omni-directional transmission. The right-of-way area would be 10×10 feet (0.002 acres). The proposed term would be through December 31, 2043.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RIGHT-OF-WAY GRANT/TEMPORARY USE PERMIT

SERIAL NUMBER AZA 35526

1. A right-of-way is hereby granted pursuant to Title V of the Federal Land Policy and Management Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761).

2. Nature of Interest:

a. By this instrument, the holder:

Mohave County Flood Control District
Post Office Box 7000
Kingman, Arizona 86402

receives a right to construct, operate, maintain, and terminate a weather monitoring station within the following described public lands:

Gila and Salt River Meridian, Arizona

T.24N., R.21W.,
sec. 23, NW¹/₄SE¹/₄NE¹/₄SW¹/₄.

b. The right-of-way granted herein is 10 feet wide, 10 feet long, and contains 0.002 acres, more or less.

c. This instrument will expire on **December 31, 2043** unless, prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.

d. This instrument may be renewed. If renewed, the right-of-way or permit shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.

- e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument, to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination, of the grant.

3. Rental:

This grant is exempt from rental charges provided that the facilities occupying the right-of-way meet the requirements for such exemptions found at 43 CFR 2806.14, or as per future regulations established by the Secretary of the Interior.

4. Terms and Conditions:

- a. This grant or permit is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations parts 2800 and 2880.
- b. Upon grant termination by the authorized officer, all improvements shall be removed from the public lands within 90 days, or otherwise disposed of as directed by the authorized officer.
- c. Each grant issued for a term of 20 years or more shall, at a minimum, be reviewed by the authorized officer at the end of the 20th year and at regular intervals thereafter not to exceed 10 years. Provided, however, that a right-of-way or permit granted herein may be reviewed at any time deemed necessary by the authorized officer.
- d. The stipulations, plans, maps, or designs set forth in Exhibits A, B C, and D dated September 24, 2013, attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.
- e. Failure of the holder to comply with applicable law or any provision of this right-of-way grant or permit shall constitute grounds for suspension or termination thereof.
- f. The holder shall perform all operations in a good and workmanlike manner so as to ensure protection of the environment and the health and safety of the public.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant or permit.

(Signature of Holder)

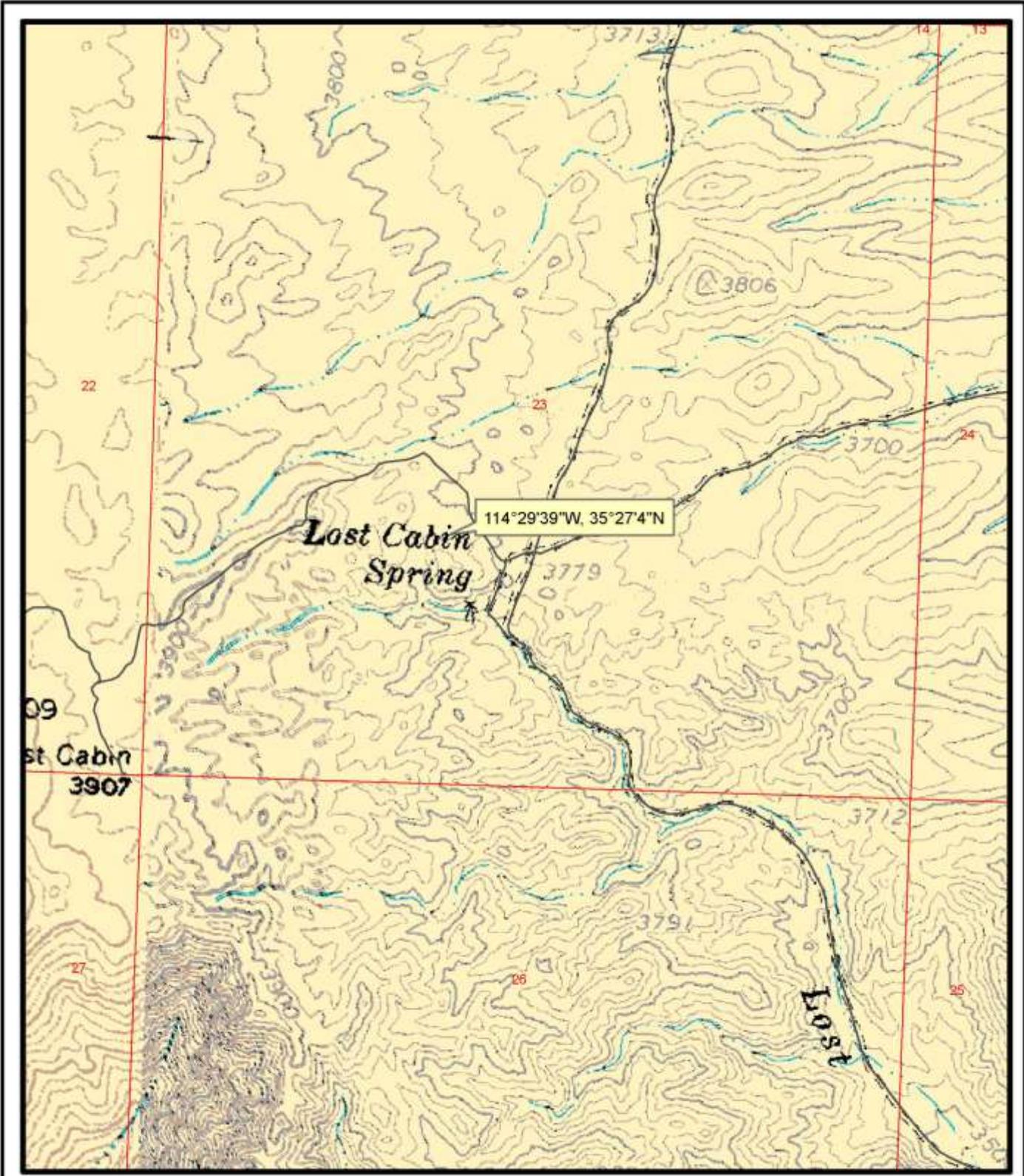
(Signature of Authorized Officer)

(Title)

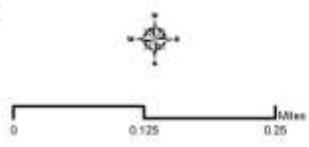
(Title)

(Date)

(Effective Date of Grant)



-  BLM Wilderness Area
-  BLM
-  Private



**Lost Cabin Spring - AZA 35526
ALERT Weather Station**

September 24, 2013
EXHIBIT A

EXHIBIT B
September 24, 2013
AZA 35526 – Lost Cabin Springs

A. CONSTRUCTION, OPERATION, AND MAINTENANCE

- a. Any cultural or paleontological resource (historic or prehistoric site or object) on public or Federal land which may be affected by the construction, operation, maintenance, or termination of the facilities authorized herein will be immediately reported to the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the authorized officer after consulting with the holder.
- b. If any desert tortoises are observed in this right-of-way during construction or maintenance activities or while accessing the facilities authorized herein they will be handled in accordance with the protocol of the Arizona Game and Fish Department.
- c. Holder will paint the stand pipe Carlsbad Canyon as shown on attached Exhibit C. Non-glare, non-reflective, non-chalking paint will be used. If fading occurs, repainting the stand pipe will be required by the holder at the discretion of the authorized officer.
- d. All cacti, yucca, nolina (beargrass), ocotillo, agave or other state protected plants on public lands will be avoided where possible. Where they cannot be avoided the holder will transplant them on public lands within 15 feet of this right-of-way. The plants will be transplanted by hand, the same day that they are uprooted
- e. All activities associated with the construction, operation, and termination of the facilities for which this right-of-way is granted will be conducted within the area specified herein.
- f. The holder will remove only the minimum amount of vegetation necessary for the construction of the facilities/improvements for which this right-of-way/temporary use permit is granted.
- g. The holder will limit excavation to the areas of construction. No borrow areas for fill material will be permitted on the site. All waste material resulting from construction or use of the site by the holder will be removed from the site.
- h. Vehicle access is limited to existing roads, jeep trails, and navigable washes and no “cross country” vehicular access is permitted unless in writing from the Authorized Officer.

i. The holder recognizes the existing rights of mining claimants on public lands which may be coincident with the Alert Flood Warning Station right-of-way. The Holder assumes all risk and financial liability should the exploration or development within mining claims affect the operation of the right-of-way. The Holder recognizes that the right-of-way, or portion thereof, may be terminated if it interferes with the exploration or production activities on a mining claim or if the mining claim is conveyed out of Federal ownership. The Holder would provide appropriate measures for public safety in the event of exploration activities.

j. The holder will protect all survey monuments. Survey monuments include, but are not limited to, General Land Office and Bureau of Land Management Cadastral Survey corners, reference corners, witness points, U.S. Coastal and Geodetic benchmarks and triangulation stations, military control monuments and civil (both public and private) survey monuments. In the event of obliteration or disturbance of any of these by the holder or anyone operating on his behalf, the holder will immediately report the incident to the authorized officer and the respective installing agency (if known) in writing. The holder will be responsible for the restoration of the monument(s) in a manner suitable to the authorized officer after consultation with all parties involved. If Bureau cadastral or other Federal surveyors are used to restore the monument(s), the holder will be liable to the United States for the costs.

k. There is potential for the spread of noxious and invasive weeds from equipment contaminated with weed seed and/or biomass. To reduce this potential, the BLM requires the following measures be taken: If equipment is brought from outside Mohave Valley the Holder and its contractors and representatives will thoroughly power wash and remove all vegetative material and soil before transporting equipment to the site to help minimize the threat of spreading noxious and invasive weeds. This includes trucks, trailers, and all other machinery. The Holder will be responsible for the eradication of noxious weeds on disturbed areas within the limits of the right-of-way area and any public lands affected by the Holder's introduction of noxious weeds. The holder is responsible for consultation with the authorized officer and local authorities for implementing acceptable weed treatment methods. Any use of chemical treatments will be made using only chemicals approved in BLM's Environmental Impact Statement, by a state certified applicator who will abide by all safety and application guidelines as listed on the product label and Material Data Safety Sheet (MSDS).

B. TERMINATION

1. Ninety days prior to termination of the right-of-way, the holder will contact the Authorized Officer to arrange a joint inspection of the right-of-way. This inspection will be held to agree to an acceptable termination (and rehabilitation) plan. This plan will include, but is not limited to, removal of facilities, drainage structures, or surfacing material, recontouring, topsoiling, or seeding. The Authorized Officer must approve the plan in writing prior to the holder commencement of any termination actions.

Exhibit C

September 24, 2013

AZA 035526 – Lost Cabin Spring ALERT



Carlsbad Canyon



AZA 035526 NORTH



AZA 035526 SOUTH



AZA 035526 EAST



AZA 035526 WEST

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RIGHT-OF-WAY GRANT/TEMPORARY USE PERMIT

SERIAL NUMBER AZA 35522

1. A right-of-way is hereby granted pursuant to Title V of the Federal Land Policy and Management Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761).

2. Nature of Interest:

a. By this instrument, the holder:

Mohave County Flood Control District
Post Office Box 7000
Kingman, Arizona 86402

receives a right to construct, operate, maintain, and terminate a weather monitoring station within the following described public lands:

Gila and Salt River Meridian, Arizona

T.27N., R.18W.,
sec. 30, lot 4.

b. The right-of-way granted herein is 10 feet wide, 10 feet long, and contains 0.002 acres, more or less.

c. This instrument will expire on **December 31, 2043** unless, prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.

d. This instrument may be renewed. If renewed, the right-of-way or permit shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.

- e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument, to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination, of the grant.

3. Rental:

This grant is exempt from rental charges provided that the facilities occupying the right-of-way meet the requirements for such exemptions found at 43 CFR 2806.14, or as per future regulations established by the Secretary of the Interior.

4. Terms and Conditions:

- a. This grant or permit is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations parts 2800 and 2880.
- b. Upon grant termination by the authorized officer, all improvements shall be removed from the public lands within 90 days, or otherwise disposed of as directed by the authorized officer.
- c. Each grant issued for a term of 20 years or more shall, at a minimum, be reviewed by the authorized officer at the end of the 20th year and at regular intervals thereafter not to exceed 10 years. Provided, however, that a right-of-way or permit granted herein may be reviewed at any time deemed necessary by the authorized officer.
- d. The stipulations, plans, maps, or designs set forth in Exhibits A, B C, and D dated September 24, 2013, attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.
- e. Failure of the holder to comply with applicable law or any provision of this right-of-way grant or permit shall constitute grounds for suspension or termination thereof.
- f. The holder shall perform all operations in a good and workmanlike manner so as to ensure protection of the environment and the health and safety of the public.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant or permit.

(Signature of Holder)

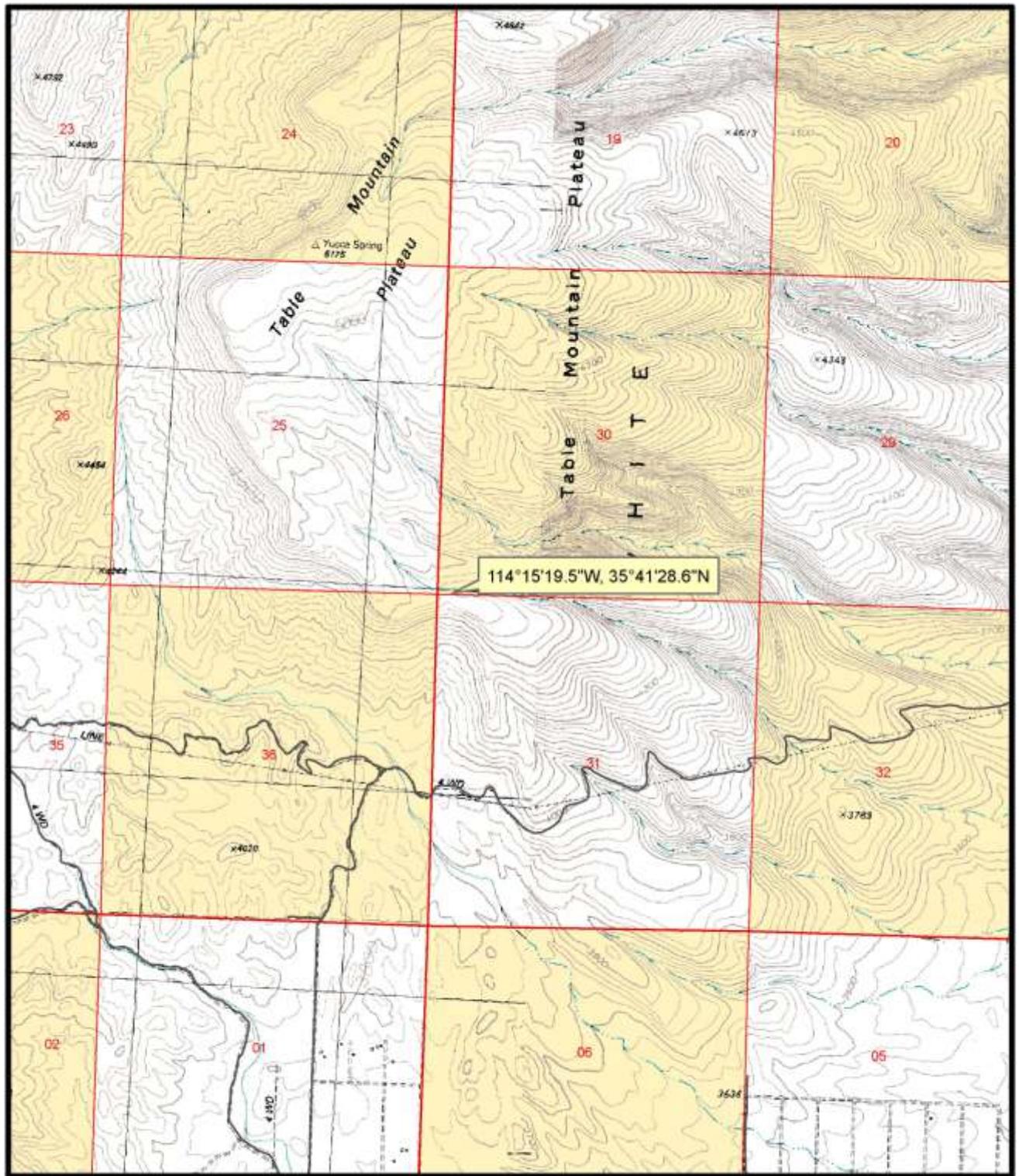
(Signature of Authorized Officer)

(Title)

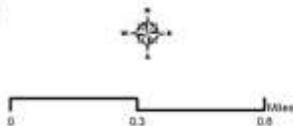
(Title)

(Date)

(Effective Date of Grant)



- BLM Wilderness Area
- BLM
- Private



**Table Mountain Plateau- AZA 35522
ALERT Weather Station**

September 24, 2013
EXHIBIT A

EXHIBIT B
September 24, 2013
AZA 35522 – Table Mountain Plateau

A. CONSTRUCTION, OPERATION, AND MAINTENANCE

- a. Any cultural or paleontological resource (historic or prehistoric site or object) on public or Federal land which may be affected by the construction, operation, maintenance, or termination of the facilities authorized herein will be immediately reported to the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the authorized officer after consulting with the holder.
- b. If any desert tortoises are observed in this right-of-way during construction or maintenance activities or while accessing the facilities authorized herein they will be handled in accordance with the protocol of the Arizona Game and Fish Department.
- c. Holder will paint the stand pipe Covert Green as shown on attached Exhibit C. Non-glare, non-reflective, non-chalking paint will be used. If fading occurs, repainting the stand pipe will be required by the holder at the discretion of the authorized officer.
- d. All cacti, yucca, nolina (beargrass), ocotillo, agave or other state protected plants on public lands will be avoided where possible. Where they cannot be avoided the holder will transplant them on public lands within 15 feet of this right-of-way. The plants will be transplanted by hand, the same day that they are uprooted
- e. All activities associated with the construction, operation, and termination of the facilities for which this right-of-way is granted will be conducted within the area specified herein.
- f. The holder will remove only the minimum amount of vegetation necessary for the construction of the facilities/improvements for which this right-of-way/temporary use permit is granted.
- g. The holder will limit excavation to the areas of construction. No borrow areas for fill material will be permitted on the site. All waste material resulting from construction or use of the site by the holder will be removed from the site.
- h. Vehicle access is limited to existing roads, jeep trails, and navigable washes and no “cross country” vehicular access is permitted unless in writing from the Authorized Officer.

i. The holder recognizes the existing rights of mining claimants on public lands which may be coincident with the Alert Flood Warning Station right-of-way. The Holder assumes all risk and financial liability should the exploration or development within mining claims affect the operation of the right-of-way. The Holder recognizes that the right-of-way, or portion thereof, may be terminated if it interferes with the exploration or production activities on a mining claim or if the mining claim is conveyed out of Federal ownership. The Holder would provide appropriate measures for public safety in the event of exploration activities.

j. The holder will protect all survey monuments. Survey monuments include, but are not limited to, General Land Office and Bureau of Land Management Cadastral Survey corners, reference corners, witness points, U.S. Coastal and Geodetic benchmarks and triangulation stations, military control monuments and civil (both public and private) survey monuments. In the event of obliteration or disturbance of any of these by the holder or anyone operating on his behalf, the holder will immediately report the incident to the authorized officer and the respective installing agency (if known) in writing. The holder will be responsible for the restoration of the monument(s) in a manner suitable to the authorized officer after consultation with all parties involved. If Bureau cadastral or other Federal surveyors are used to restore the monument(s), the holder will be liable to the United States for the costs.

k. There is potential for the spread of noxious and invasive weeds from equipment contaminated with weed seed and/or biomass. To reduce this potential, the BLM requires the following measures be taken: If equipment is brought from outside Mohave Valley the Holder and its contractors and representatives will thoroughly power wash and remove all vegetative material and soil before transporting equipment to the site to help minimize the threat of spreading noxious and invasive weeds. This includes trucks, trailers, and all other machinery. The Holder will be responsible for the eradication of noxious weeds on disturbed areas within the limits of the right-of-way area and any public lands affected by the Holder's introduction of noxious weeds. The holder is responsible for consultation with the authorized officer and local authorities for implementing acceptable weed treatment methods. Any use of chemical treatments will be made using only chemicals approved in BLM's Environmental Impact Statement, by a state certified applicator who will abide by all safety and application guidelines as listed on the product label and Material Data Safety Sheet (MSDS).

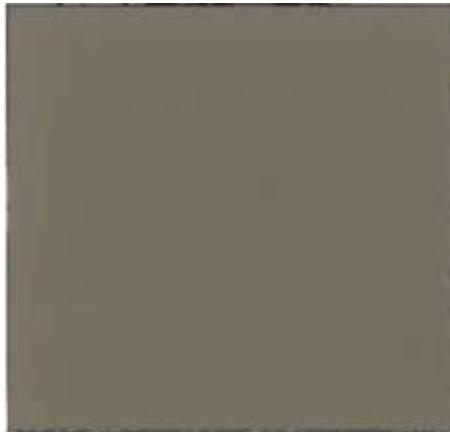
B. TERMINATION

1. Ninety days prior to termination of the right-of-way, the holder will contact the Authorized Officer to arrange a joint inspection of the right-of-way. This inspection will be held to agree to an acceptable termination (and rehabilitation) plan. This plan will include, but is not limited to, removal of facilities, drainage structures, or surfacing material, recontouring, topsoiling, or seeding. The Authorized Officer must approve the plan in writing prior to the holder commencement of any termination actions.

Exhibit C

September 24, 2013

AZA 035522 – Table Mountain ALERT



Covert Green



AZA 035522 – Table Mountain Plateau

NORTH



AZA 035522 – Table Mountain Plateau

SOUTH



AZA 035522 – Table Mountain Plateau

EAST



AZA 035522 – Table Mountain Plateau

WEST

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RIGHT-OF-WAY GRANT/TEMPORARY USE PERMIT

SERIAL NUMBER AZA 35524

1. A right-of-way is hereby granted pursuant to Title V of the Federal Land Policy and Management Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761).

2. Nature of Interest:

a. By this instrument, the holder:

Mohave County Flood Control District
Post Office Box 7000
Kingman, Arizona 86402

receives a right to construct, operate, maintain, and terminate a weather monitoring station within the following described public lands:

Gila and Salt River Meridian, Arizona

T.25N., R.17W.,
sec. 30, NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$.

b. The right-of-way granted herein is 10 feet wide, 10 feet long, and contains 0.002 acres, more or less.

c. This instrument will expire on **December 31, 2043** unless, prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.

d. This instrument may be renewed. If renewed, the right-of-way or permit shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.

- e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument, to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination, of the grant.

3. Rental:

This grant is exempt from rental charges provided that the facilities occupying the right-of-way meet the requirements for such exemptions found at 43 CFR 2806.14, or as per future regulations established by the Secretary of the Interior.

4. Terms and Conditions:

- a. This grant or permit is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations parts 2800 and 2880.
- b. Upon grant termination by the authorized officer, all improvements shall be removed from the public lands within 90 days, or otherwise disposed of as directed by the authorized officer.
- c. Each grant issued for a term of 20 years or more shall, at a minimum, be reviewed by the authorized officer at the end of the 20th year and at regular intervals thereafter not to exceed 10 years. Provided, however, that a right-of-way or permit granted herein may be reviewed at any time deemed necessary by the authorized officer.
- d. The stipulations, plans, maps, or designs set forth in Exhibits A, B C, and D dated September 24, 2013, attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.
- e. Failure of the holder to comply with applicable law or any provision of this right-of-way grant or permit shall constitute grounds for suspension or termination thereof.
- f. The holder shall perform all operations in a good and workmanlike manner so as to ensure protection of the environment and the health and safety of the public.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant or permit.

(Signature of Holder)

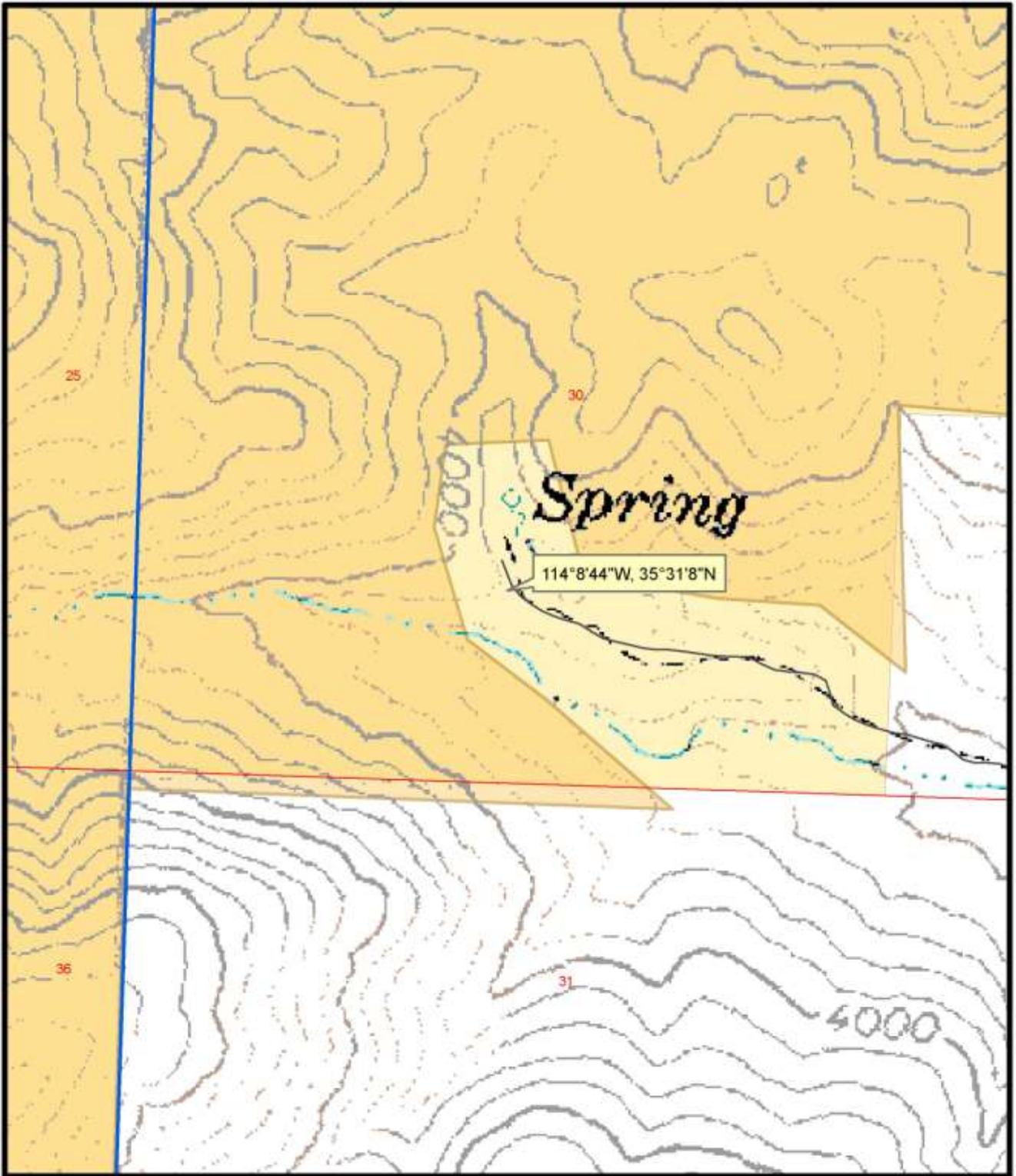
(Signature of Authorized Officer)

(Title)

(Title)

(Date)

(Effective Date of Grant)



-  BLM Wilderness Area
-  BLM
-  Private



Tipton Canyon - AZA 35524
ALERT Weather Station

September 24, 2013
EXHIBIT A

EXHIBIT B
September 24, 2013
AZA 35524 – Tipton Canyon

A. CONSTRUCTION, OPERATION, AND MAINTENANCE

- a. Any cultural or paleontological resource (historic or prehistoric site or object) on public or Federal land which may be affected by the construction, operation, maintenance, or termination of the facilities authorized herein will be immediately reported to the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the authorized officer after consulting with the holder.
- b. If any desert tortoises are observed in this right-of-way during construction or maintenance activities or while accessing the facilities authorized herein they will be handled in accordance with the protocol of the Arizona Game and Fish Department.
- c. Holder will paint the stand pipe Shadow Grey as shown on attached Exhibit C. Non-glare, non-reflective, non-chalking paint will be used. If fading occurs, repainting the stand pipe will be required by the holder at the discretion of the authorized officer.
- d. All cacti, yucca, nolina (beargrass), ocotillo, agave or other state protected plants on public lands will be avoided where possible. Where they cannot be avoided the holder will transplant them on public lands within 15 feet of this right-of-way. The plants will be transplanted by hand, the same day that they are uprooted
- e. All activities associated with the construction, operation, and termination of the facilities for which this right-of-way is granted will be conducted within the area specified herein.
- f. The holder will remove only the minimum amount of vegetation necessary for the construction of the facilities/improvements for which this right-of-way/temporary use permit is granted.
- g. The holder will limit excavation to the areas of construction. No borrow areas for fill material will be permitted on the site. All waste material resulting from construction or use of the site by the holder will be removed from the site.
- h. Vehicle access is limited to existing roads, jeep trails, and navigable washes and no “cross country” vehicular access is permitted unless in writing from the Authorized Officer.

i. The holder recognizes the existing rights of mining claimants on public lands which may be coincident with the Alert Flood Warning Station right-of-way. The Holder assumes all risk and financial liability should the exploration or development within mining claims affect the operation of the right-of-way. The Holder recognizes that the right-of-way, or portion thereof, may be terminated if it interferes with the exploration or production activities on a mining claim or if the mining claim is conveyed out of Federal ownership. The Holder would provide appropriate measures for public safety in the event of exploration activities.

j. The holder will protect all survey monuments. Survey monuments include, but are not limited to, General Land Office and Bureau of Land Management Cadastral Survey corners, reference corners, witness points, U.S. Coastal and Geodetic benchmarks and triangulation stations, military control monuments and civil (both public and private) survey monuments. In the event of obliteration or disturbance of any of these by the holder or anyone operating on his behalf, the holder will immediately report the incident to the authorized officer and the respective installing agency (if known) in writing. The holder will be responsible for the restoration of the monument(s) in a manner suitable to the authorized officer after consultation with all parties involved. If Bureau cadastral or other Federal surveyors are used to restore the monument(s), the holder will be liable to the United States for the costs.

k. There is potential for the spread of noxious and invasive weeds from equipment contaminated with weed seed and/or biomass. To reduce this potential, the BLM requires the following measures be taken: If equipment is brought from outside Mohave Valley the Holder and its contractors and representatives will thoroughly power wash and remove all vegetative material and soil before transporting equipment to the site to help minimize the threat of spreading noxious and invasive weeds. This includes trucks, trailers, and all other machinery. The Holder will be responsible for the eradication of noxious weeds on disturbed areas within the limits of the right-of-way area and any public lands affected by the Holder's introduction of noxious weeds. The holder is responsible for consultation with the authorized officer and local authorities for implementing acceptable weed treatment methods. Any use of chemical treatments will be made using only chemicals approved in BLM's Environmental Impact Statement, by a state certified applicator who will abide by all safety and application guidelines as listed on the product label and Material Data Safety Sheet (MSDS).

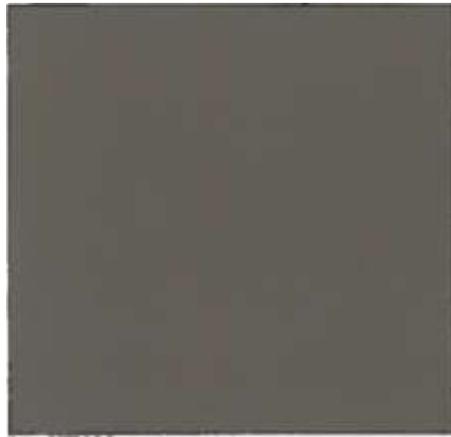
B. TERMINATION

1. Ninety days prior to termination of the right-of-way, the holder will contact the Authorized Officer to arrange a joint inspection of the right-of-way. This inspection will be held to agree to an acceptable termination (and rehabilitation) plan. This plan will include, but is not limited to, removal of facilities, drainage structures, or surfacing material, recontouring, topsoiling, or seeding. The Authorized Officer must approve the plan in writing prior to the holder commencement of any termination actions.

Exhibit C

September 24, 2013

AZA 035524 – Tipton Canyon ALERT



Shadow Grey



AZA 035524 NORTH
Tipton Canyon ALERT



AZA 035524 SOUTH
Tipton Canyon ALERT



AZA 035524 EAST

Tipton Canyon ALERT



AZA 035524 WEST

Tipton Canyon ALERT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RIGHT-OF-WAY GRANT/TEMPORARY USE PERMIT

SERIAL NUMBER AZA 35523

1. A right-of-way is hereby granted pursuant to Title V of the Federal Land Policy and Management Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761).

2. Nature of Interest:

a. By this instrument, the holder:

Mohave County Flood Control District
Post Office Box 7000
Kingman, Arizona 86402

receives a right to construct, operate, maintain, and terminate a weather monitoring station within the following described public lands:

Gila and Salt River Meridian, Arizona

T.26N., R.18W.,
sec. 33, NE¹/₄NE¹/₄NE¹/₄.

b. The right-of-way granted herein is 10 feet wide, 10 feet long, and contains 0.002 acres, more or less.

c. This instrument will expire on **December 31, 2043** unless, prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.

d. This instrument may be renewed. If renewed, the right-of-way or permit shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.

- e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument, to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination, of the grant.

3. Rental:

This grant is exempt from rental charges provided that the facilities occupying the right-of-way meet the requirements for such exemptions found at 43 CFR 2806.14, or as per future regulations established by the Secretary of the Interior.

4. Terms and Conditions:

- a. This grant or permit is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations parts 2800 and 2880.
- b. Upon grant termination by the authorized officer, all improvements shall be removed from the public lands within 90 days, or otherwise disposed of as directed by the authorized officer.
- c. Each grant issued for a term of 20 years or more shall, at a minimum, be reviewed by the authorized officer at the end of the 20th year and at regular intervals thereafter not to exceed 10 years. Provided, however, that a right-of-way or permit granted herein may be reviewed at any time deemed necessary by the authorized officer.
- d. The stipulations, plans, maps, or designs set forth in Exhibits A, B C, and D dated September 24, 2013, attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.
- e. Failure of the holder to comply with applicable law or any provision of this right-of-way grant or permit shall constitute grounds for suspension or termination thereof.
- f. The holder shall perform all operations in a good and workmanlike manner so as to ensure protection of the environment and the health and safety of the public.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant or permit.

(Signature of Holder)

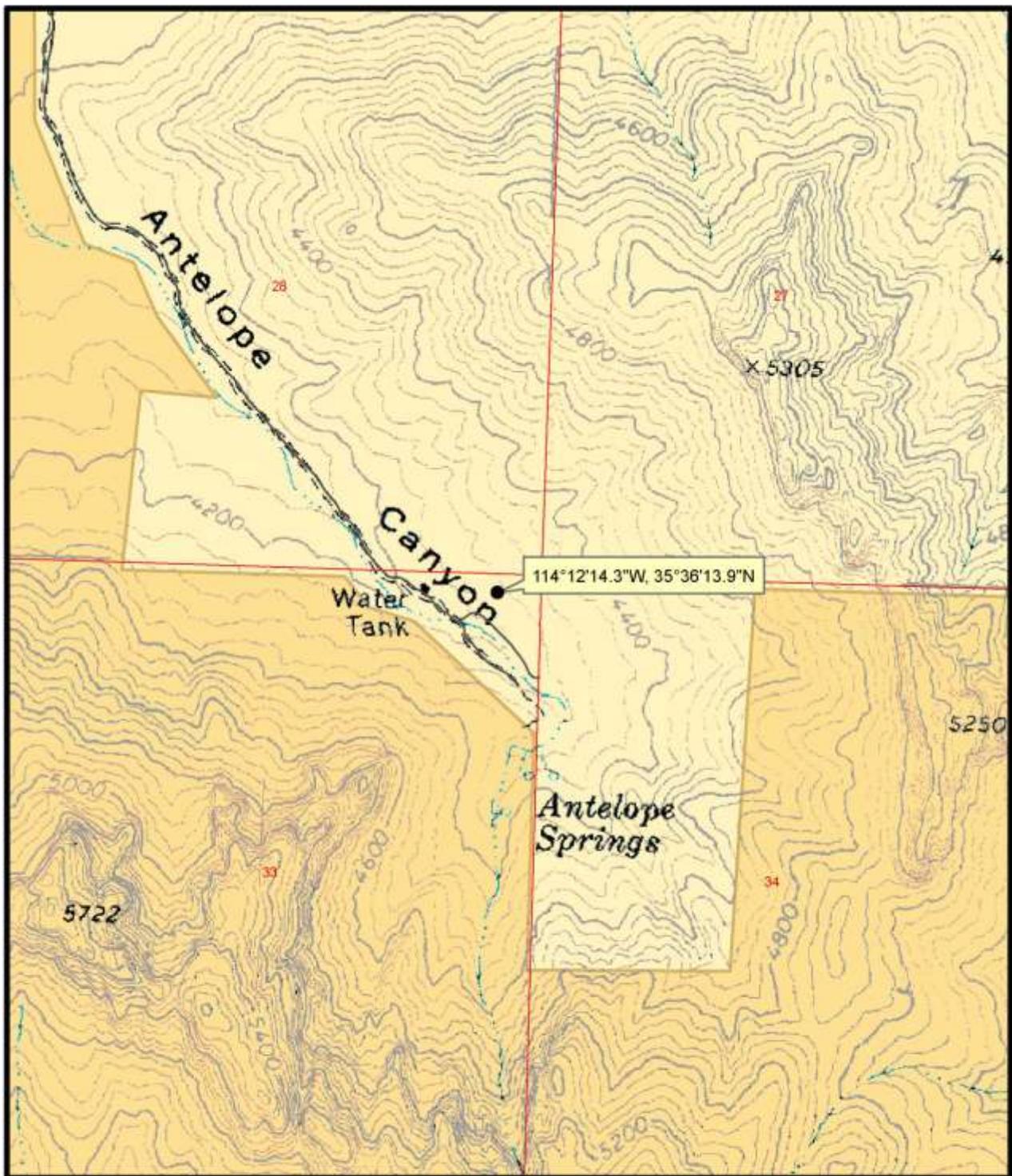
(Signature of Authorized Officer)

(Title)

(Title)

(Date)

(Effective Date of Grant)



-  BLM Wilderness Area
-  BLM
-  Private



Antelope Springs - AZA 35523 ALERT Weather Station

September 24, 2013
EXHIBIT A

EXHIBIT B
September 24, 2013
AZA 35523 – Antelope Springs

A. CONSTRUCTION, OPERATION, AND MAINTENANCE

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- c. Holder will paint the stand pipe Covert Green as shown on attached Exhibit C. Non-glare, non-reflective, non-chalking paint will be used. If fading occurs, repainting the stand pipe will be required by the holder at the discretion of the authorized officer.
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Exhibit C

September 24, 2013

AZA 035523 – Antelope Springs ALERT



Covert Green



AZA 035523 NORTH

Antelope Spring ALERT



AZA 035523 SOUTH

Antelope Spring ALERT



AZA 035523 EAST

Antelope Spring ALERT

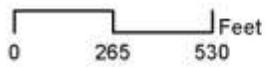


AZA 035523 WEST

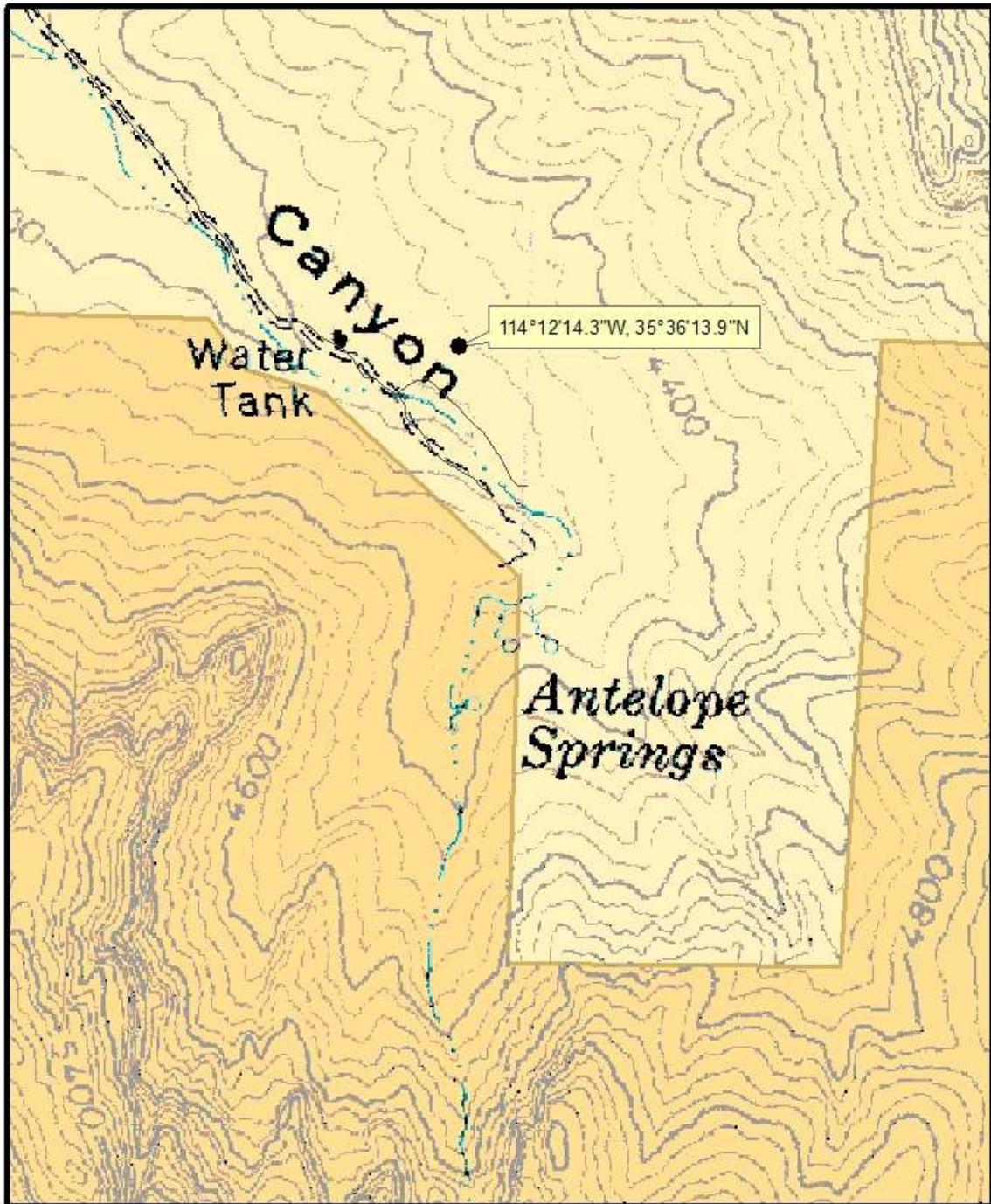
Antelope Spring ALERT



- Legend**
- BLM Wilderness Area
 - BLM



Antelope Springs ALERT Weather Station



- Legend**
- BLM Wilderness Area
 - BLM

0 360 720 Feet



Antelope Springs ALERT Weather Station