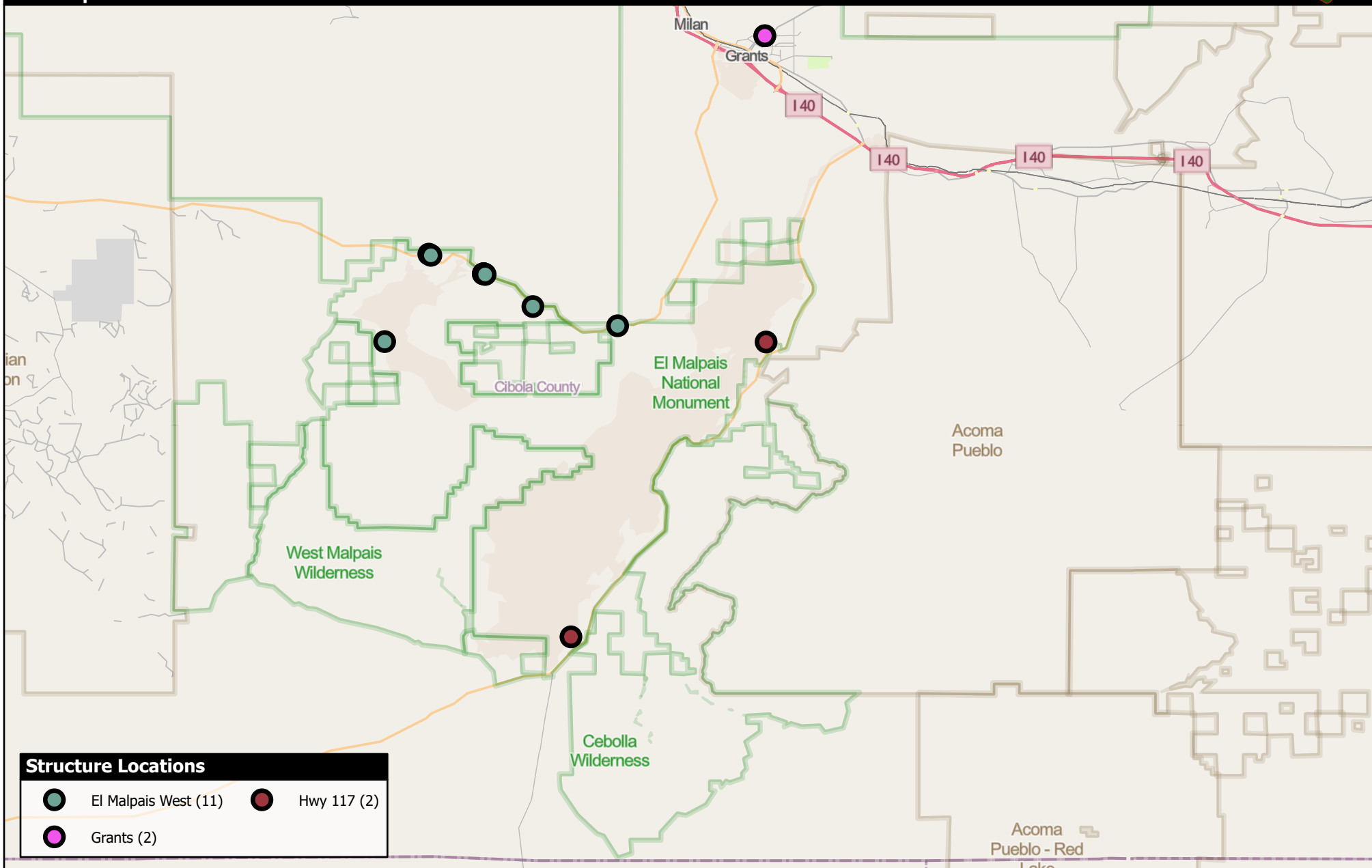


# NPS Wildfire Risk Assessments Assessment Locations

## El Malpais National Monument

National Park Service  
U.S. Department of the Interior



Author: sszturm  
4/6/2022 11:10 AM

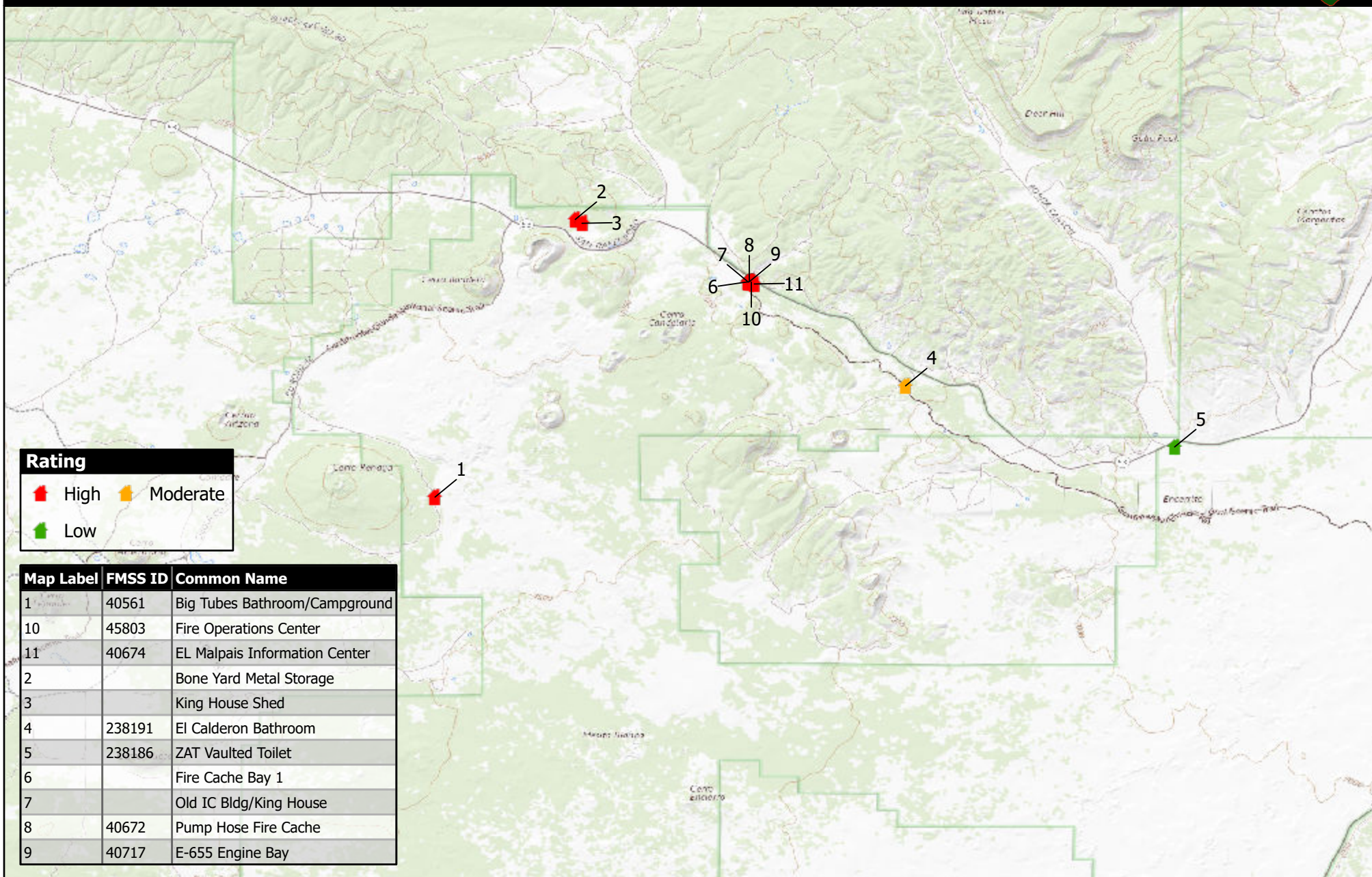
Intermountain Region Geographic Resources Division  
April 2021  
Data Sources: ESRI Basedata, NPS Park Data

NPS Wildfire Risk Assessment Project

# El Malpais West

## NPS Wildfire Risk Assessments

National Park Service  
U.S. Department of the Interior



| Rating                                |          |
|---------------------------------------|----------|
| <span style="color: red;">■</span>    | High     |
| <span style="color: orange;">■</span> | Moderate |
| <span style="color: green;">■</span>  | Low      |

| Map Label | FMSS ID | Common Name                   |
|-----------|---------|-------------------------------|
| 1         | 40561   | Big Tubes Bathroom/Campground |
| 10        | 45803   | Fire Operations Center        |
| 11        | 40674   | EL Malpais Information Center |
| 2         |         | Bone Yard Metal Storage       |
| 3         |         | King House Shed               |
| 4         | 238191  | El Calderon Bathroom          |
| 5         | 238186  | ZAT Vaulted Toilet            |
| 6         |         | Fire Cache Bay 1              |
| 7         |         | Old IC Bldg/King House        |
| 8         | 40672   | Pump Hose Fire Cache          |
| 9         | 40717   | E-655 Engine Bay              |



0

10  
Miles

Author: sszturm  
4/11/2022 5:48 AM

Intermountain Region Geographic Resources Division

April 2021

Data Sources: ESRI Basedata, NPS Park Data

NPS Wildfire Risk Assessment Project



# NPS Wildand Fire Risk Assessment - Facility Wildfire Risk Assessment Summary

For more information on the NPS Wildland Fire Risk Assessment project visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Unit - Location: ELMA - El Malpais West

| Label # | Facility Name                        | Owner | FMSS ID<br>(if NPS<br>owned) | Facility<br>Type | Facility<br>Use | Occupied | Last Site<br>Visit<br>Date* | Resource<br>Of<br>Concern | Score | Rating | Protection<br>Level | Assessment<br>Comments | Restriction |
|---------|--------------------------------------|-------|------------------------------|------------------|-----------------|----------|-----------------------------|---------------------------|-------|--------|---------------------|------------------------|-------------|
| 1       | Big Tubes<br>Bathroom/Campg<br>round | NPS   | 40561                        | Toilet           | Public          | N        | 5/20/18                     | Unknown                   | 70    | High   | Unknown             |                        | UNR         |
| 2       | Bone Yard Metal<br>Storage           | NPS   |                              | Building         | Unknown         | No       | 3/7/13                      | Unknown                   | 76    | High   | Unknown             |                        | UNR         |



# NPS Wildand Fire Risk Assessment - Facility Wildfire Risk Assessment Summary

For more information on the NPS Wildland Fire Risk Assessment project visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

Unit - Location: ELMA - El Malpais West

| Label # | Facility Name   | Owner | FMSS ID<br>(if NPS<br>owned) | Facility<br>Type | Facility<br>Use | Occupied | Last Site<br>Visit<br>Date* | Resource<br>Of<br>Concern | Score | Rating | Protection<br>Level | Assessment<br>Comments                                                                                                                                                                                                                                                                                                                                                                                                                   | Restriction |
|---------|-----------------|-------|------------------------------|------------------|-----------------|----------|-----------------------------|---------------------------|-------|--------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 3       | King House Shed | NPS   |                              | Building         | Unknown         | No       | 3/7/13                      | Unknown                   | 86    | High   | Unknown             | Road Width:<br>Two track<br>road. Bridge<br>Load Limits:<br>Type 6.<br>Building<br>Number:<br>Shed. Fuel<br>Type: Juniper,<br>Ponderosa.<br>Roof<br>Material:<br>Metal roof.<br>Foundation:<br>Wooden<br>shed.<br>Maintenance:<br>Northside<br>needle cast.<br>Firewood:<br>Two wood<br>piles on<br>north,<br>northwest<br>side of shed.<br>Safety Zone:<br>Safety zone is<br>southeast<br>side.<br>Obstacles:<br>One way in<br>and out. | UNR         |



# NPS Wildand Fire Risk Assessment - Facility Wildfire Risk Assessment Summary

For more information on the NPS Wildland Fire Risk Assessment project visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Unit - Location: ELMA - El Malpais West

| Label # | Facility Name                 | Owner | FMSS ID<br>(if NPS<br>owned) | Facility<br>Type | Facility<br>Use | Occupied | Last Site<br>Visit<br>Date* | Resource<br>Of<br>Concern | Score | Rating   | Protection<br>Level | Assessment<br>Comments                                                                                                                   | Restriction |
|---------|-------------------------------|-------|------------------------------|------------------|-----------------|----------|-----------------------------|---------------------------|-------|----------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 4       | El Calderon Bathroom          | NPS   | 238191                       | Toilet           | Public          | N        | 3/4/21                      | Unknown                   | 50    | Moderate | Unknown             | recent fuels reduction apparent                                                                                                          | UNR         |
| 5       | ZAT Vaulted Toilet            | NPS   | 238186                       | Toilet           | Public          | N        | 3/4/21                      | Unknown                   | 40    | Low      | Unknown             |                                                                                                                                          | UNR         |
| 6       | Fire Cache Bay 1              | NPS   |                              | Building         | Admin           | N        | 5/20/18                     | Unknown                   | 71    | High     | Unknown             |                                                                                                                                          | UNR         |
| 7       | Old IC Bldg/King House        | NPS   |                              | Building         | Admin           | N        | 5/20/18                     | Unknown                   | 74    | High     | Unknown             | Safety Zone: Powerline present but not charged live wire.                                                                                | UNR         |
| 8       | Pump Hose Fire Cache          | NPS   | 40672                        | Building         | Admin           | N        | 5/20/18                     | Unknown                   | 67    | High     | Unknown             |                                                                                                                                          | UNR         |
| 9       | E-655 Engine Bay              | NPS   | 40717                        | Building         | Admin           | N        | 5/20/18                     | Unknown                   | 67    | High     | Unknown             |                                                                                                                                          | UNR         |
| 10      | Fire Operations Center        | NPS   | 45803                        | Building         | Admin           | N        | 5/20/18                     | Unknown                   | 75    | High     | Unknown             |                                                                                                                                          | UNR         |
| 11      | EL Malpais Information Center | NPS   | 40674                        | Building         | Public          | Y        | 5/20/18                     | Unknown                   | 70    | High     | Unknown             | Bridge Const. Material: No. Bridge Load Limits: No. Ignition Potential: Vents needs screening. Obstacles: Leech line south of structure. | UNR         |



# NPS Wildand Fire Risk Assessment - Recommended Treatments

For more information on the NPS Wildland Fire Risk Assessment project visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## NPS Unit - Location: ELMA - El Malpais West

| Label # | Facility/Community Name       | Assessment Scale                                    | Site Visit Type | Firewise Zone | Treatment                                            | Treatment Description | Person Hours | Date    |
|---------|-------------------------------|-----------------------------------------------------|-----------------|---------------|------------------------------------------------------|-----------------------|--------------|---------|
| 0       | ELMA Fire Operations Center   | Community                                           |                 |               |                                                      |                       |              |         |
| 1       | Big Tubes Bathroom/Campground | Individual Facility                                 | SiteVisit       | 1             | Limb trees 6 to 15 feet above ground                 |                       | 4.0          | 5/21/18 |
|         |                               | Individual Facility                                 | SiteVisit       | 2             | Limb trees 6 to 15 feet above ground                 |                       | 6.0          | 5/21/18 |
| 10      | Fire Operations Center        | Facility In Community (ELMA Fire Operations Center) | SiteVisit       | 1             | Mow dead/dying grass to less than 4 inches           |                       | 2.0          | 5/21/18 |
|         |                               | Facility In Community (ELMA Fire Operations Center) | SiteVisit       | 2             | Flammable ground cover should be removed or isolated |                       | 4.0          | 5/21/18 |
|         |                               | Facility In Community (ELMA Fire Operations Center) | SiteVisit       | 2             | Limb trees 6 to 15 feet above ground                 |                       | 8.0          | 5/21/18 |
| 11      | EL Malpais Information Center | Facility In Community (ELMA Fire Operations Center) |                 |               |                                                      |                       |              |         |
| 2       | Bone Yard Metal Storage       | Individual Facility                                 |                 |               |                                                      |                       |              |         |



# NPS Wildland Fire Risk Assessment - Recommended Treatments

For more information on the NPS Wildland Fire Risk Assessment project visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

|   |                        |                                                     |           |   |                                                                                                                 |  |     |         |
|---|------------------------|-----------------------------------------------------|-----------|---|-----------------------------------------------------------------------------------------------------------------|--|-----|---------|
| 3 | King House Shed        | Individual Facility                                 |           |   |                                                                                                                 |  |     |         |
| 4 | El Calderon Bathroom   | Individual Facility                                 | SiteVisit | 1 | Clear adjacent and overhanging fuels to create 10 feet spacing between canopy and structure or chimney openings |  | 4.0 | 5/21/18 |
|   |                        | Individual Facility                                 | SiteVisit | 1 | Flammable ground cover such as leaf litter, woody debris or highly flammable vegetation should be removed       |  | 2.0 | 5/21/18 |
|   |                        | Individual Facility                                 | SiteVisit | 1 | Limb trees 6 to 15 feet above ground                                                                            |  | 2.0 | 5/21/18 |
| 5 | ZAT Vaulted Toilet     | Individual Facility                                 | SiteVisit | 1 | Flammable ground cover such as leaf litter, woody debris or highly flammable vegetation should be removed       |  | 2.0 | 5/21/18 |
|   |                        | Individual Facility                                 | SiteVisit | 1 | Mow dead/dying grass to less than 4 inches                                                                      |  | 2.0 | 5/21/18 |
| 6 | Fire Cache Bay 1       | Facility In Community (ELMA Fire Operations Center) |           |   |                                                                                                                 |  |     |         |
| 7 | Old IC Bldg/King House | Facility In Community (ELMA Fire Operations Center) |           |   |                                                                                                                 |  |     |         |



## NPS Wildland Fire Risk Assessment - Recommended Treatments

For more information on the NPS Wildland Fire Risk Assessment project visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

|   |                      |                                                     |  |  |  |  |  |  |
|---|----------------------|-----------------------------------------------------|--|--|--|--|--|--|
| 8 | Pump Hose Fire Cache | Facility In Community (ELMA Fire Operations Center) |  |  |  |  |  |  |
| 9 | E-655 Engine Bay     | Facility In Community (ELMA Fire Operations Center) |  |  |  |  |  |  |



# NPS Wildland Fire Risk Assessment - Recommended Tactics

For more information on the NPS Wildland Fire Risk Assessment project visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Unit - Location: El Malpais National Monument - El Malpais West

| Label # | Facility/Community Name       | Assessment Scale                                    | Triage Category | Tactic Description | Person Hours | Equipment Description                                      | Equip. Qty |
|---------|-------------------------------|-----------------------------------------------------|-----------------|--------------------|--------------|------------------------------------------------------------|------------|
| 0       | ELMA Fire Operations Center   | Community                                           | NULL            | -                  |              | -                                                          |            |
| 1       | Big Tubes Bathroom/Campground | Individual Facility                                 | PrepLeave       | Engine on scene -  | 12.0         | -                                                          |            |
|         |                               |                                                     |                 | Fuels reduction -  | 8.0          | -                                                          |            |
| 10      | Fire Operations Center        | Facility In Community (ELMA Fire Operations Center) | PrepHold        | Fuels reduction -  | 100.0        | -                                                          |            |
|         |                               |                                                     |                 | Engine on scene -  | 24.0         | -                                                          |            |
| 11      | EL Malpais Information Center | Facility In Community (ELMA Fire Operations Center) | PrepHold        | Engine on scene -  | 10.0         | Engine/OtherVehicle-Wildland Light Engine, Type 6 or 7, EA | 1          |
| 2       | Bone Yard Metal Storage       | Individual Facility                                 |                 | -                  |              | -                                                          |            |
| 3       | King House Shed               | Individual Facility                                 |                 | -                  |              | -                                                          |            |
| 4       | El Calderon Bathroom          | Individual Facility                                 | PrepHold        | Fuels reduction -  | 12.0         | -                                                          |            |
|         |                               |                                                     |                 | Engine on scene -  | 8.0          | -                                                          |            |
| 5       | ZAT Vaulted Toilet            | Individual Facility                                 | PrepHold        | Fuels reduction -  | 6.0          | -                                                          |            |
|         |                               |                                                     |                 | Engine on scene -  | 8.0          | -                                                          |            |
| 6       | Fire Cache Bay 1              | Facility In Community (ELMA Fire Operations Center) | PrepLeave       | -                  |              | -                                                          |            |



## NPS Wildland Fire Risk Assessment - Recommended Tactics

For more information on the NPS Wildland Fire Risk Assessment project visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

| Label # | Facility/Community Name | Assessment Scale                                    | Triage Category | Tactic Description | Person Hours | Equipment Description | Equip. Qty |
|---------|-------------------------|-----------------------------------------------------|-----------------|--------------------|--------------|-----------------------|------------|
| 7       | Old IC Bldg/King House  | Facility In Community (ELMA Fire Operations Center) | PrepHold        | -                  |              | -                     |            |
| 8       | Pump Hose Fire Cache    | Facility In Community (ELMA Fire Operations Center) | PrepHold        | -                  |              | -                     |            |
| 9       | E-655 Engine Bay        | Facility In Community (ELMA Fire Operations Center) | PrepHold        | -                  |              | -                     |            |



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: Big Tubes Bathroom/Campground

Unit - Location: ELMA - El Malpais West

FMSS ID: 40561

Structure Type: Toilet

Structure Use: Public

Owner: NPS

Field Crew: Vaughn

Last Site Visit Date: 5/20/2018

Rating: High

Protection Level : Unknown

Resources of Concern Present? Unknown

Occupied? No

Local ID: [Local\_ID]

In a Community? No

Lat(WGS84): 34° 56.7017' Long(WGS84): -108° 6.45168'

Primary Access: Road

Ingress/Egress: One roads in/out

Access Width: 1 lane (<18ft)

Access Condition: Other than all season

Bridge Condition: None/nonflammable,load limit will not limit response

Access & Turnarounds: Access is >300ft from facility w/o turnaround

Facility Number/Sign: None or not clearly visible

Defensible Space: <30 ft treated

Fuel Load (w/in 300 ft): Moderate

Fuel Type (w/in 300ft): Shrub or timber

Topography (w/in 300ft): Slope <5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, >30in masonry exposed or N/A

Fences/Decks: None or noncombustible

Firewood: None

Propane Tanks: None

Water Supply: No reliable water source nearby

Overhead Hazards: No overhead hazards

Safety Zones: No safety zone(s) in area

Additional Obstacles: None

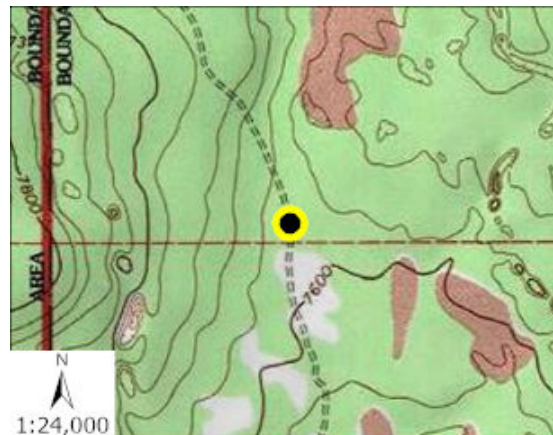
Triage Category:

Hazmat:

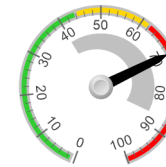
Assessment Comments:



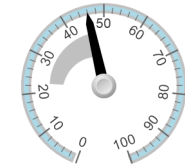
2018\_ELMA\_40561\_Big Tubes Bathroom  
Campground\_Front.jpg



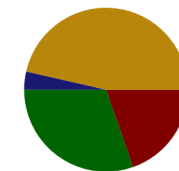
Score: 70  
Rating: High



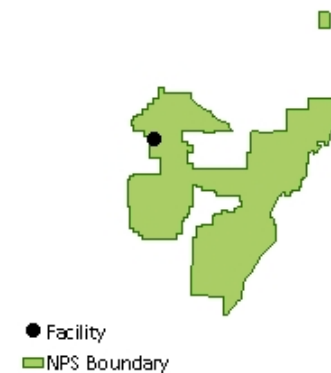
Asset Priority Index  
(API):  
46



### Factors Driving the Ratings



Access  
Environment  
Structure  
Protection



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: Bone Yard Metal Storage

Unit - Location: ELMA - El Malpais West

FMSS ID:

Structure Type: Building

Structure Use: Unknown

Owner: NPS

Field Crew:

Last Site Visit Date: 3/7/2013

Rating: High

Protection Level : Unknown

Resources of Concern Present? Unknown

Occupied?

Local ID: [Local ID]

In a Community? No

Lat(WGS84): 35° 0.40836' Long(WGS84): -108° 4.57998'

Primary Access: Road

Ingress/Egress: One roads in/out

Access Width: 1 lane (<18ft)

Access Condition: Non-surfaced- gravel,dirt,grade>5%

Bridge Condition: None/nonflammable,load limit will not limit response

Access & Turnarounds: Access is <300 ft from facility w/turnaround

Facility Number/Sign: None or not clearly visible

Defensible Space: No defensible space

Fuel Load (w/in 300 ft): Moderate

Fuel Type (w/in 300ft): Grass,shrub,hardwood litter

Topography (w/in 300ft): Slope 5% to 20%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, < 6in masonry exposed

Fences/Decks: None or noncombustible

Firewood: 5ft to 30ft from facility

Propane Tanks: None

Water Supply: No reliable water source nearby

Overhead Hazards: No overhead hazards

Safety Zones: Potential safety zone(s) in area

Additional Obstacles: None

Triage Category:

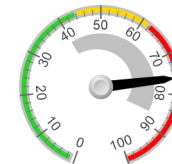
Hazmat:

Assessment Comments:

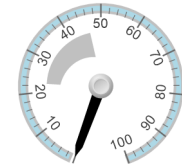


ELMA\_Bone Yard Metal Storage\_D.jpg

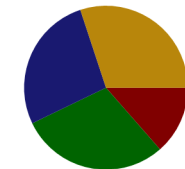
Score: 76  
Rating: High



Asset Priority Index  
(API):  
N/A



### Factors Driving the Ratings



Access  
Environment  
Structure  
Protection





# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: King House Shed

Unit - Location: ELMA - El Malpais West

FMSS ID:

Structure Type: Building

Structure Use: Unknown

Owner: NPS

Field Crew:

Last Site Visit Date: 3/7/2013

Rating: High

Protection Level : Unknown

Resources of Concern Present? Unknown

Occupied?

Local ID: [Local ID]

In a Community? No

Lat(WGS84): 35° 0.35664' Long(WGS84): -108° 4.49166'

Primary Access: Road

Ingress/Egress: One roads in/out

Access Width: 1 lane (<18ft)

Access Condition: Non-surfaced- gravel,dirt,grade>5%

Bridge Condition: Flammable, load limit will not limit response

Access & Turnarounds: Access is <300 ft from facility w/o turnaround

Facility Number/Sign: None or not clearly visible

Defensible Space: No defensible space

Fuel Load (w/in 300 ft): Moderate

Fuel Type (w/in 300ft): Shrub or timber

Topography (w/in 300ft): Slope 5% to 20%

Roof Material: Noncombustible or not applicable

Siding Material: Vinyl

Foundation: Closed, < 6in masonry exposed

Fences/Decks: None or noncombustible

Firewood: Adjacent to/under deck of facility

Propane Tanks: None

Water Supply: No reliable water source nearby

Overhead Hazards: No overhead hazards

Safety Zones: Potential safety zone(s) in area

Additional Obstacles: Hazmat, UXO,etc. , PLEASE COMMENT

Triage Category:

Hazmat:

Assessment Comments: Road Width: Two track road. Bridge Load Limits: Type

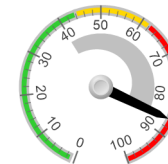
6. Building Number: Shed. Fuel Type: Juniper, Ponderosa. Roof Material: Metal

roof. Foundation: Wooden shed. Maintenance: Northside needle cast. Firewood:

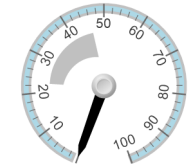
Two wood piles on north, northwest side of shed. Safety Zone: Safety zone is

southeast side. Obstacles: One way in and out.

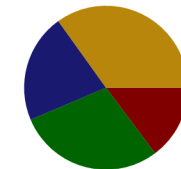
Score: 86  
Rating: High



Asset Priority Index  
(API):  
N/A



### Factors Driving the Ratings



Access  
Environment  
Structure  
Protection



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: El Calderon Bathroom

Unit - Location: ELMA - El Malpais West

FMSS ID: 238191

Structure Type: Toilet

Structure Use: Public

Owner: NPS

Field Crew: Castillo

Last Site Visit Date: 3/4/2021

Rating: Moderate

Protection Level : Unknown

Resources of Concern Present? Unknown

Occupied? No

Local ID: [Local\_ID]

In a Community? No

Lat(WGS84): 34° 58.1867' Long(WGS84): -108° 0.16998'

Primary Access: Road

Ingress/Egress: One roads in/out

Access Width: 1 lane (<18ft)

Access Condition: Non-surfaced- gravel,dirt,grade<5%

Bridge Condition: None/nonflammable,load limit will not limit response

Access & Turnarounds: Access is >300 ft from facility w/turnaround

Facility Number/Sign: Marked and clearly visible

Defensible Space: 100 ft treated

Fuel Load (w/in 300 ft): Moderate

Fuel Type (w/in 300ft): Shrub or timber

Topography (w/in 300ft): Slope <5%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Wood or open sided

Foundation: Closed, < 6in masonry exposed

Fences/Decks: None or noncombustible

Firewood: None

Propane Tanks: None

Water Supply: No reliable water source nearby

Overhead Hazards: No overhead hazards

Safety Zones: Potential safety zone(s) in area

Additional Obstacles: None

Triage Category:

Hazmat:

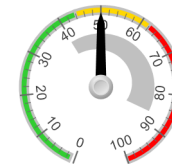
Assessment Comments: recent fuels reduction apparent



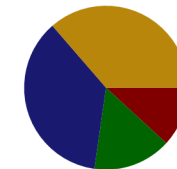
2021\_ELMA\_238191\_El Calderon Bathroom\_Front.jpg

Score: 50  
Rating: Moderate

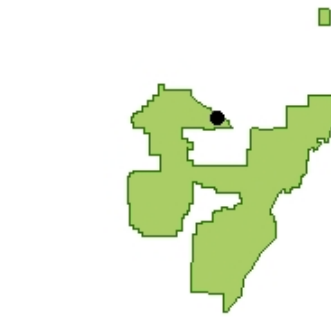
Asset Priority Index  
(API):  
N/A



### Factors Driving the Ratings



Access  
Environment  
Structure  
Protection



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: ZAT Vaulted Toilet

**Unit - Location:** ELMA - El Malpais West  
**FMSS ID:** 238186  
**Structure Type:** Toilet  
**Structure Use:** Public  
**Owner:** NPS  
**Field Crew:** Castillo  
**Last Site Visit Date:** 3/4/2021

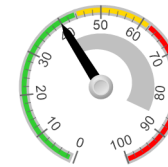
**Rating:** Low  
**Protection Level :** Unknown  
**Resources of Concern Present?** Unknown  
**Occupied?** No  
**Local ID:** [Local\_ID]  
**In a Community?** No  
**Lat(WGS84):** 34° 57.3716' **Long(WGS84):** -107° 56.5783'

**Primary Access:** Road  
**Ingress/Egress:** One roads in/out  
**Access Width:** 1 lane (<18ft)  
**Access Condition:** Surfaced-paved, grade<5%  
**Bridge Condition:** None/nonflammable,load limit will not limit response  
**Access & Turnarounds:** Access is <300 ft from facility w/turnaround  
**Facility Number/Sign:** Marked and clearly visible  
**Defensible Space:** 30 ft treated  
**Fuel Load (w/in 300 ft):** Moderate  
**Fuel Type (w/in 300ft):** Grass,shrub,hardwood litter  
**Topography (w/in 300ft):** Slope <5%  
**Roof Material:** Noncombustible or not applicable  
**Siding Material:** Rock, concrete, metal  
**Foundation:** Closed, >30in masonry exposed or N/A  
**Fences/Decks:** None or noncombustible  
**Firewood:** None  
**Propane Tanks:** None  
**Water Supply:** No reliable water source nearby  
**Overhead Hazards:** No overhead hazards  
**Safety Zones:** Potential safety zone(s) in area  
**Additional Obstacles:** None  
**Triage Category:**  
**Hazmat:**  
**Assessment Comments:**

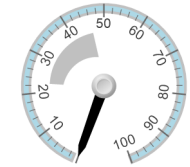


2021\_ELMA\_238186\_FrontAT Vaulted Toilet\_Front.jpg

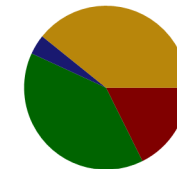
**Score: 40**  
**Rating: Low**



**Asset Priority Index (API):**  
**N/A**



### Factors Driving the Ratings



■ Access  
■ Environment  
■ Structure  
■ Protection





# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: Fire Cache Bay 1

**Unit - Location:** ELMA - El Malpais West

**FMSS ID:**

**Structure Type:** Building

**Structure Use:** Admin

**Owner:** NPS

**Field Crew:** Vaughn

**Last Site Visit Date:** 5/20/2018

**Rating:** High

**Protection Level :** Unknown

**Resources of Concern Present?** Unknown

**Occupied?** No

**Local ID:** [Local\_ID]

**In a Community?** Yes - ELMA Fire Operations Center

**Lat(WGS84):** 34° 59.575' **Long(WGS84):** -108° 2.27166'

**Primary Access:** Road

**Ingress/Egress:** One roads in/out

**Access Width:** 1 lane (<18ft)

**Access Condition:** Non-surfaced- gravel,dirt,grade<5%

**Bridge Condition:** None/nonflammable,load limit will not limit response

**Access & Turnarounds:** Access is <300 ft from facility w/turnaround

**Facility Number/Sign:** None or not clearly visible

**Defensible Space:** <30 ft treated

**Fuel Load (w/in 300 ft):** Moderate

**Fuel Type (w/in 300ft):** Shrub or timber

**Topography (w/in 300ft):** Slope 5% to 20%

**Roof Material:** Noncombustible or not applicable

**Siding Material:** Rock, concrete, metal

**Foundation:** Closed, < 6in masonry exposed

**Fences/Decks:** None or noncombustible

**Firewood:** None

**Propane Tanks:**

**Water Supply:** Limited or dependent on electricity

**Overhead Hazards:** No overhead hazards

**Safety Zones:** No safety zone(s) in area

**Additional Obstacles:** Hazmat, UXO,etc. , PLEASE COMMENT

**Triage Category:**

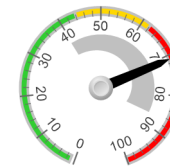
**Hazmat:**

**Assessment Comments:**

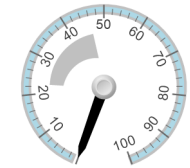


2018\_ELMA\_\_Fire Cache Bay 1\_Front.jpg

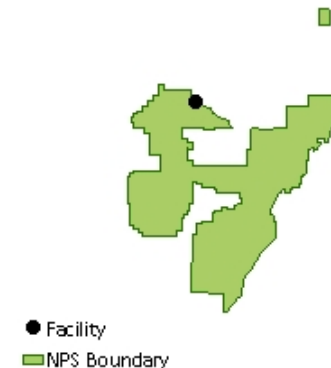
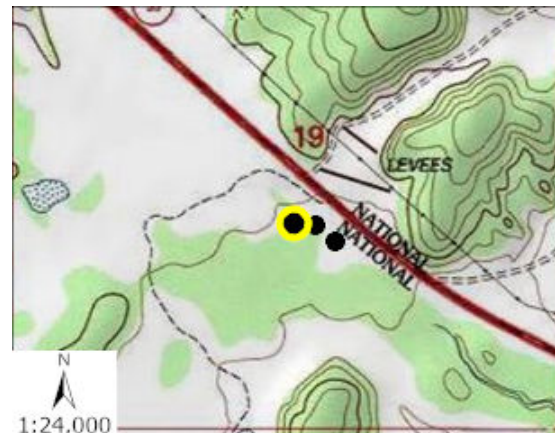
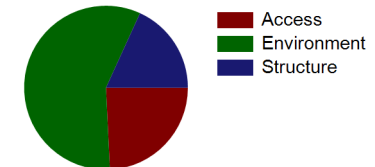
**Score: 71**  
**Rating: High**



**Asset Priority Index (API):**  
**N/A**



### Factors Driving the Ratings





# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: Old IC Bldg/King House

**Unit - Location:** ELMA - El Malpais West

**FMSS ID:**

**Structure Type:** Building

**Structure Use:** Admin

**Owner:** NPS

**Field Crew:** Vaughn

**Last Site Visit Date:** 5/20/2018

**Rating:** High

**Protection Level :** Unknown

**Resources of Concern Present?** Unknown

**Occupied?** No

**Local ID:** [Local\_ID]

**In a Community?** Yes - ELMA Fire Operations Center

**Lat(WGS84):** 34° 59.5717' **Long(WGS84):** -108° 2.26836'

**Primary Access:** Road

**Ingress/Egress:** One roads in/out

**Access Width:** 1 lane (<18ft)

**Access Condition:** Non-surfaced- gravel,dirt,grade<5%

**Bridge Condition:** None/nonflammable,load limit will not limit response

**Access & Turnarounds:** Access is <300 ft from facility w/turnaround

**Facility Number/Sign:** None or not clearly visible

**Defensible Space:** <30 ft treated

**Fuel Load (w/in 300 ft):** Moderate

**Fuel Type (w/in 300ft):** Shrub or timber

**Topography (w/in 300ft):** Slope 5% to 20%

**Roof Material:** Fire resistant- tar,rubberized

**Siding Material:** Rock, concrete, metal

**Foundation:** Closed, < 6in masonry exposed

**Fences/Decks:** None or noncombustible

**Firewood:** None

**Propane Tanks:**

**Water Supply:** Limited or dependent on electricity

**Overhead Hazards:** No overhead hazards

**Safety Zones:** No safety zone(s) in area

**Additional Obstacles:** Hazmat, UXO,etc. , PLEASE COMMENT

**Triage Category:**

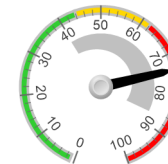
**Hazmat:**

**Assessment Comments:** Safety Zone: Powerline present but not charged live wire.

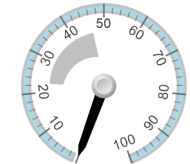


2018\_ELMA\_\_Old IC Bldg King House\_Front.jpg

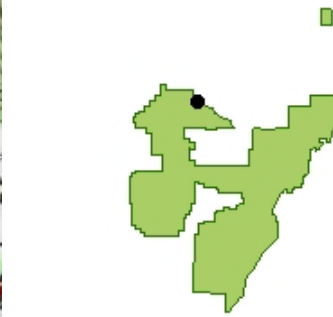
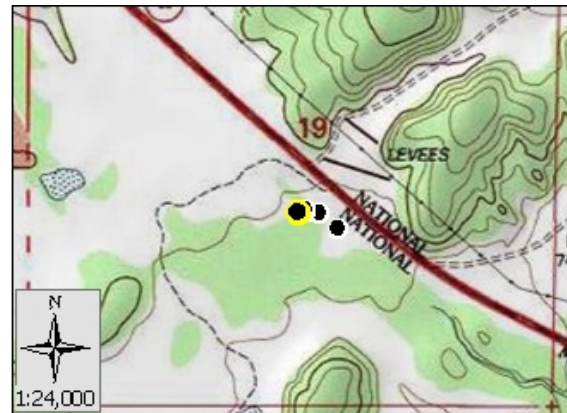
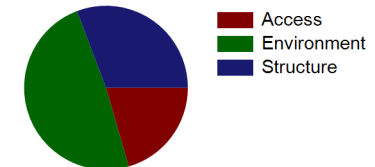
**Score: 74**  
**Rating: High**



**Asset Priority Index (API):**  
**N/A**



### Factors Driving the Ratings



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: Pump Hose Fire Cache

Unit - Location: ELMA - El Malpais West

FMSS ID: 40672

Structure Type: Building

Structure Use: Admin

Owner: NPS

Field Crew: Vaughn

Last Site Visit Date: 5/20/2018

Rating: High

Protection Level : Unknown

Resources of Concern Present? Unknown

Occupied? No

Local ID: [Local ID]

In a Community? Yes - ELMA Fire Operations Center

Lat(WGS84): 34° 59.575' Long(WGS84): -108° 2.25666'

Primary Access: Road

Ingress/Egress: One roads in/out

Access Width: 1 lane (<18ft)

Access Condition: Non-surfaced- gravel,dirt,grade<5%

Bridge Condition: None/nonflammable,load limit will not limit response

Access & Turnarounds: Access is <300 ft from facility w/turnaround

Facility Number/Sign: None or not clearly visible

Defensible Space: <30 ft treated

Fuel Load (w/in 300 ft): Moderate

Fuel Type (w/in 300ft): Shrub or timber

Topography (w/in 300ft): Slope <5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, < 6in masonry exposed

Fences/Decks: None or noncombustible

Firewood: None

Propane Tanks:

Water Supply: Limited or dependent on electricity

Overhead Hazards: No overhead hazards

Safety Zones: No safety zone(s) in area

Additional Obstacles: Hazmat, UXO,etc. , PLEASE COMMENT

Triage Category:

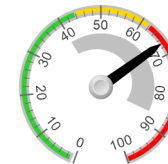
Hazmat:

Assessment Comments:



2018\_ELMA\_40672\_Pump Hose Fire Cache\_Front.jpg

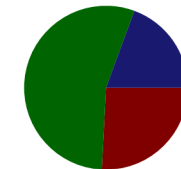
Score: 67  
Rating: High



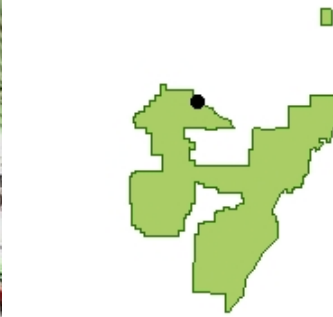
Asset Priority Index  
(API):  
40



### Factors Driving the Ratings



Access  
Environment  
Structure



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: E-655 Engine Bay

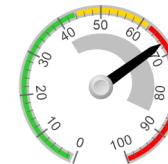
**Unit - Location:** ELMA - El Malpais West  
**FMSS ID:** 40717  
**Structure Type:** Building  
**Structure Use:** Admin  
**Owner:** NPS  
**Field Crew:** Vaughn  
**Last Site Visit Date:** 5/20/2018

**Rating:** High  
**Protection Level :** Unknown  
**Resources of Concern Present?** Unknown  
**Occupied?** No  
**Local ID:** [Local\_ID]  
**In a Community?** Yes - ELMA Fire Operations Center  
**Lat(WGS84):** 34° 59.5783' **Long(WGS84):** -108° 2.25498'

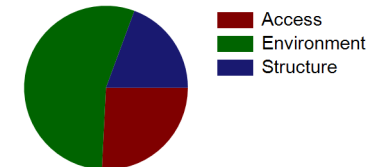
**Primary Access:** Road  
**Ingress/Egress:** One roads in/out  
**Access Width:** 1 lane (<18ft)  
**Access Condition:** Non-surfaced- gravel,dirt,grade<5%  
**Bridge Condition:** None/nonflammable,load limit will not limit response  
**Access & Turnarounds:** Access is <300 ft from facility w/turnaround  
**Facility Number/Sign:** None or not clearly visible  
**Defensible Space:** <30 ft treated  
**Fuel Load (w/in 300 ft):** Moderate  
**Fuel Type (w/in 300ft):** Shrub or timber  
**Topography (w/in 300ft):** Slope <5%  
**Roof Material:** Noncombustible or not applicable  
**Siding Material:** Rock, concrete, metal  
**Foundation:** Closed, < 6in masonry exposed  
**Fences/Decks:** None or noncombustible  
**Firewood:** None  
**Propane Tanks:**  
**Water Supply:** Limited or dependent on electricity  
**Overhead Hazards:** No overhead hazards  
**Safety Zones:** No safety zone(s) in area  
**Additional Obstacles:** Hazmat, UXO,etc. , PLEASE COMMENT  
**Triage Category:**  
**Hazmat:**  
**Assessment Comments:**

**Score: 67**  
**Rating: High**

**Asset Priority Index**  
**(API):**  
**42**



### Factors Driving the Ratings





# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: Fire Operations Center

Unit - Location: ELMA - El Malpais West

FMSS ID: 45803

Structure Type: Building

Structure Use: Admin

Owner: NPS

Field Crew: Vaughn

Last Site Visit Date: 5/20/2018

Rating: High

Protection Level : Unknown

Resources of Concern Present? Unknown

Occupied? No

Local ID: [Local ID]

In a Community? Yes - ELMA Fire Operations Center

Lat(WGS84): 34° 59.5717' Long(WGS84): -108° 2.23002'

Primary Access: Road

Ingress/Egress: One roads in/out

Access Width: 1 lane (<18ft)

Access Condition: Non-surfaced- gravel,dirt,grade<5%

Bridge Condition: None/nonflammable,load limit will not limit response

Access & Turnarounds: Access is <300 ft from facility w/turnaround

Facility Number/Sign: None or not clearly visible

Defensible Space: <30 ft treated

Fuel Load (w/in 300 ft): Moderate

Fuel Type (w/in 300ft): Shrub or timber

Topography (w/in 300ft): Slope <5%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Vinyl

Foundation: Closed, < 6in masonry exposed

Fences/Decks: Combustible, adjacent, clear of veg/debris

Firewood: None

Propane Tanks:

Water Supply: Limited or dependent on electricity

Overhead Hazards: No overhead hazards

Safety Zones: No safety zone(s) in area

Additional Obstacles: Hazmat, UXO,etc. , PLEASE COMMENT

Triage Category:

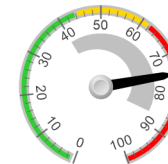
Hazmat:

Assessment Comments:



2018\_ELMA\_45803\_Fire Operations Center\_Front.jpg

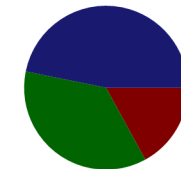
Score: 75  
Rating: High



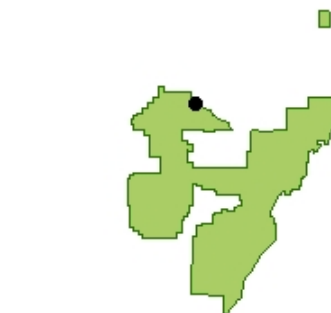
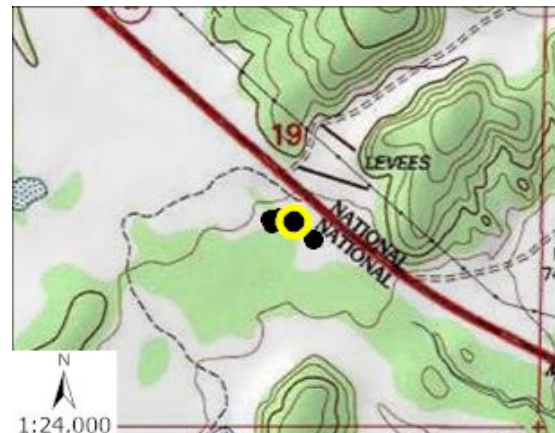
Asset Priority Index  
(API):  
23



### Factors Driving the Ratings



Access  
Environment  
Structure



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: EL Malpais Information Center

**Unit - Location:** ELMA - El Malpais West

**FMSS ID:** 40674

**Structure Type:** Building

**Structure Use:** Public

**Owner:** NPS

**Field Crew:** Vaughn

**Last Site Visit Date:** 5/20/2018

**Rating:** High

**Protection Level :** Unknown

**Resources of Concern Present?** Unknown

**Occupied?** Yes

**Local ID:** [Local\_ID]

**In a Community?** Yes - ELMA Fire Operations Center

**Lat(WGS84):** 34° 59.5466' **Long(WGS84):** -108° 2.19168'

**Primary Access:** Road

**Ingress/Egress:** One roads in/out

**Access Width:** 1 lane (<18ft)

**Access Condition:** Non-surfaced- gravel,dirt,grade<5%

**Bridge Condition:** None/nonflammable,load limit will not limit response

**Access & Turnarounds:** Access is <300 ft from facility w/turnaround

**Facility Number/Sign:** None or not clearly visible

**Defensible Space:** <30 ft treated

**Fuel Load (w/in 300 ft):** Light

**Fuel Type (w/in 300ft):** Shrub or timber

**Topography (w/in 300ft):** Slope <5%

**Roof Material:** Fire resistant- tar,rubberized

**Siding Material:** Wood or open sided

**Foundation:** Closed, < 6in masonry exposed

**Fences/Decks:** None or noncombustible

**Firewood:** None

**Propane Tanks:**

**Water Supply:** Limited or dependent on electricity

**Overhead Hazards:** No overhead hazards

**Safety Zones:** No safety zone(s) in area

**Additional Obstacles:** Hazmat, UXO,etc. , PLEASE COMMENT

**Triage Category:**

**Hazmat:** Propane tank to the South.

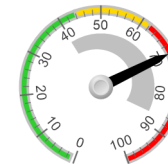
**Assessment Comments:** Bridge Const. Material: No. Bridge Load Limits: No.

Ignition Potential: Vents needs screening. Obstacles: Leech line south of structure.



2018\_ELMA\_40674\_EL Malpais Information Center\_Front.jpg

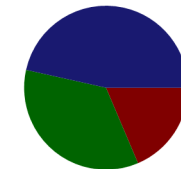
**Score: 70**  
**Rating: High**



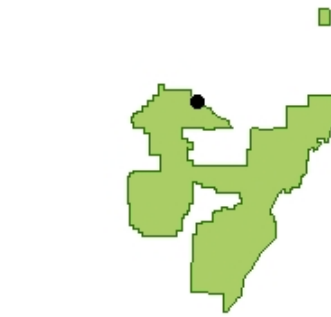
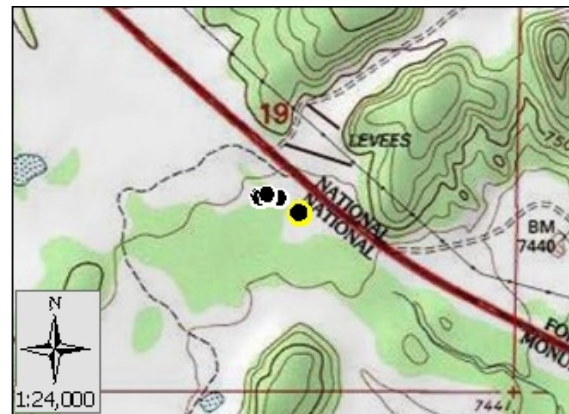
**Asset Priority Index (API): 42**



### Factors Driving the Ratings



■ Access  
■ Environment  
■ Structure



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: ELMA Headquarters

Unit - Location: ELMA - Grants

FMSS ID:

Structure Type: Building

Structure Use: Admin

Owner: NPS

Field Crew: Vaughn

Last Site Visit Date: 5/20/2018

Rating: Low

Protection Level : Unknown

Resources of Concern Present? Unknown

Occupied? Yes

Local ID: [Local\_ID]

In a Community? No

Lat(WGS84): 35° 9.66373' Long(WGS84): -107° 50.3389'

Primary Access: Road

Ingress/Egress: One roads in/out

Access Width: 2 lanes (>24ft)

Access Condition: Surfaced-paved, grade<5%

Bridge Condition: None/nonflammable,load limit will not limit response

Access & Turnarounds: Access is <300 ft from facility w/turnaround

Facility Number/Sign: Marked and clearly visible

Defensible Space: >100ft treated

Fuel Load (w/in 300 ft): Light

Fuel Type (w/in 300ft): Grass,tundra,northern hardwood litter

Topography (w/in 300ft): Slope <5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, >30in masonry exposed or N/A

Fences/Decks: None or noncombustible

Firewood: None

Propane Tanks: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Overhead Hazards: Overhead hazards will limit aircraft

Safety Zones: Potential safety zone(s) in area

Additional Obstacles: None

Triage Category:

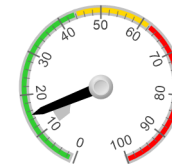
Hazmat:

Assessment Comments:



2018\_ELMA\_\_ELMA Headquarters\_D.jpg

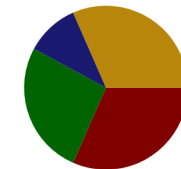
Score: 15  
Rating: Low



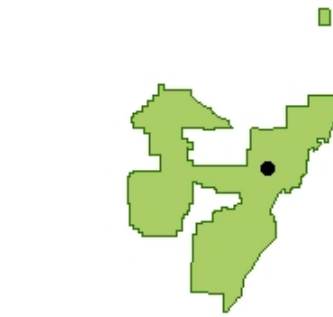
Asset Priority Index  
(API):  
N/A



### Factors Driving the Ratings



Access  
Environment  
Structure  
Protection



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: Elma HQ Maintenance Shop

**Unit - Location:** ELMA - Grants

**FMSS ID:**

**Structure Type:** Building

**Structure Use:** Admin

**Owner:** NPS

**Field Crew:** Vaughn

**Last Site Visit Date:** 5/20/2018

**Rating:** Low

**Protection Level :** Unknown

**Resources of Concern Present?** Unknown

**Occupied?** Yes

**Local ID:** [Local\_ID]

**In a Community?** No

**Lat(WGS84):** 35° 9.66175' **Long(WGS84):** -107° 50.3381'

**Primary Access:** Road

**Ingress/Egress:** Two or more roads in/out

**Access Width:** 2 lanes (>24ft)

**Access Condition:** Surfaced-paved, grade<5%

**Bridge Condition:** None/nonflammable,load limit will not limit response

**Access & Turnarounds:** Access is <300 ft from facility w/turnaround

**Facility Number/Sign:** None or not clearly visible

**Defensible Space:** >100ft treated

**Fuel Load (w/in 300 ft):** Light

**Fuel Type (w/in 300ft):** Grass,tundra,northern hardwood litter

**Topography (w/in 300ft):** Slope <5%

**Roof Material:** Noncombustible or not applicable

**Siding Material:** Rock, concrete, metal

**Foundation:** Closed, >30in masonry exposed or N/A

**Fences/Decks:** None or noncombustible

**Firewood:** None

**Propane Tanks:** None

**Water Supply:** Pressurized hydrant(s) or fixed sprinkler system

**Overhead Hazards:** No overhead hazards

**Safety Zones:** Potential safety zone(s) in area

**Additional Obstacles:** None

**Triage Category:**

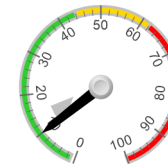
**Hazmat:**

**Assessment Comments:**



2018\_ELMA\_\_Elma HQ Maintenance Shop\_D.jpg

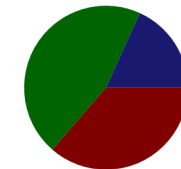
**Score: 10**  
**Rating: Low**



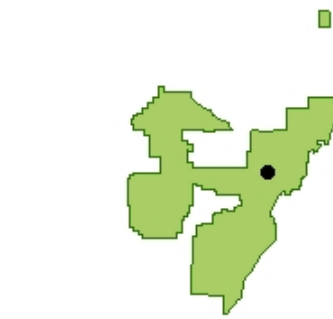
**Asset Priority Index**  
**(API):**  
**N/A**



### Factors Driving the Ratings



■ Access  
■ Environment  
■ Structure  
■ Protection



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: vault toilet

Unit - Location: ELMA - Hwy 117

FMSS ID: not found

Structure Type: Toilet

Structure Use: Public

Owner: NPS

Field Crew: Castillo

Last Site Visit Date: 3/4/2021

Rating: Moderate

Protection Level :

Resources of Concern Present? No

Occupied? No

Local ID: [Local\_ID]

In a Community? No

Lat(WGS84): 34° 52.3534' Long(WGS84): -107° 53.4049'

Primary Access: Road

Ingress/Egress: Two or more roads in/out

Access Width: 2 lanes (>24ft)

Access Condition: Surfaced-paved, grade<5%

Bridge Condition: None/nonflammable,load limit will not limit response

Access & Turnarounds: Access is <300 ft from facility w/turnaround

Facility Number/Sign: Marked and clearly visible

Defensible Space: <30 ft treated

Fuel Load (w/in 300 ft): Moderate

Fuel Type (w/in 300ft): Shrub or timber

Topography (w/in 300ft): Slope <5%

Roof Material: Noncombustible or not applicable

Siding Material: Vinyl

Foundation: Closed, >30in masonry exposed or N/A

Fences/Decks: None or noncombustible

Firewood: None

Propane Tanks: None

Water Supply: No reliable water source nearby

Overhead Hazards: No overhead hazards

Safety Zones: Potential safety zone(s) in area

Additional Obstacles: None

Triage Category:

Hazmat:

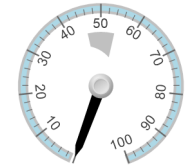
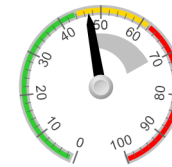
Assessment Comments:



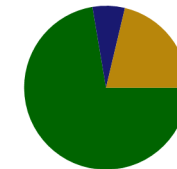
2021\_ELMA\_not found \_vault toilet \_Front.jpg

Score: 47  
Rating: Moderate

Asset Priority Index  
(API):  
N/A



### Factors Driving the Ratings



Access  
Environment  
Structure  
Protection



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: Lava Falls

Unit - Location: ELMA - Hwy 117

FMSS ID: 44379

Structure Type: Toilet

Structure Use: Public

Owner: NPS

Field Crew: Castillo

Last Site Visit Date: 3/4/2021

Rating: Moderate

Protection Level : Unknown

Resources of Concern Present? Unknown

Occupied? No

Local ID: [Local\_ID]

In a Community? No

Lat(WGS84): 34° 44.1878' Long(WGS84): -107° 58.5557'

Primary Access: Road

Ingress/Egress: One roads in/out

Access Width: 1 lane (<18ft)

Access Condition: Non-surfaced- gravel,dirt,grade<5%

Bridge Condition: None/nonflammable,load limit will not limit response

Access & Turnarounds: Access is >300 ft from facility w/turnaround

Facility Number/Sign: Marked and clearly visible

Defensible Space: <30 ft treated

Fuel Load (w/in 300 ft): Light

Fuel Type (w/in 300ft): Grass,shrub,hardwood litter

Topography (w/in 300ft): Slope <5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, >30in masonry exposed or N/A

Fences/Decks: None or noncombustible

Firewood: None

Propane Tanks: None

Water Supply: No reliable water source nearby

Overhead Hazards: No overhead hazards

Safety Zones: Potential safety zone(s) in area

Additional Obstacles: None

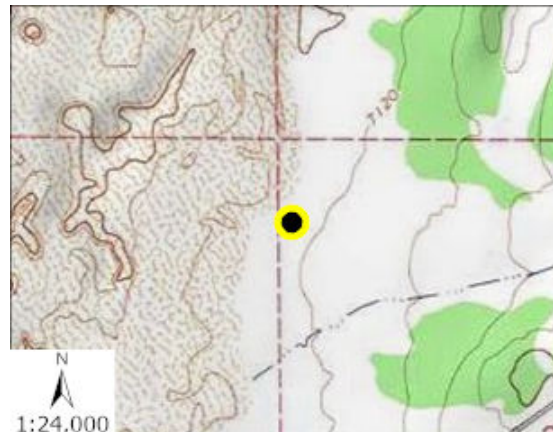
Triage Category:

Hazmat:

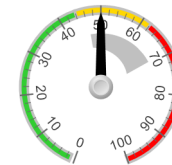
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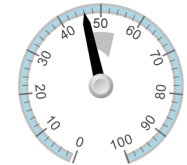
2021\_ELMA\_44379\_Lava Falls\_Front.jpg



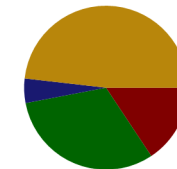
Score: 50  
Rating: Moderate



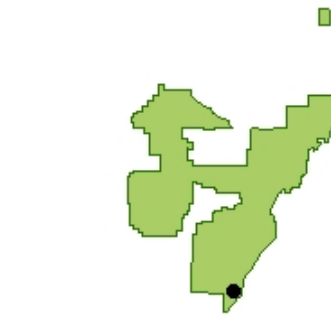
Asset Priority Index  
(API):  
46



### Factors Driving the Ratings



Access  
Environment  
Structure  
Protection



● Facility  
■ NPS Boundary



# NPS Wildand Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com>

## Facility: Sandstone Bluff Vault Toilet

Unit - Location: ELMA - Hwy 117

FMSS ID: 40562

Structure Type: Toilet

Structure Use: Public

Owner: NPS

Field Crew: Castillo

Last Site Visit Date: 3/4/2021

Rating: High

Protection Level : Unknown

Resources of Concern Present? Unknown

Occupied? No

Local ID: [Local\_ID]

In a Community? No

Lat(WGS84): 34° 56.685' Long(WGS84): -107° 50.285'

Primary Access: Road

Ingress/Egress: One roads in/out

Access Width: 1.5 lanes (>18ft)

Access Condition: Non-surfaced- gravel,dirt,grade>5%

Bridge Condition: None/nonflammable,load limit will not limit response

Access & Turnarounds: Access is >300 ft from facility w/turnaround

Facility Number/Sign: Marked and clearly visible

Defensible Space: No defensible space

Fuel Load (w/in 300 ft): Moderate

Fuel Type (w/in 300ft): Grass,shrub,hardwood litter

Topography (w/in 300ft): Slope 21% to 30%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, >30in masonry exposed or N/A

Fences/Decks: None or noncombustible

Firewood: None

Propane Tanks: None

Water Supply: No reliable water source nearby

Overhead Hazards: No overhead hazards

Safety Zones: No safety zone(s) in area

Additional Obstacles: None

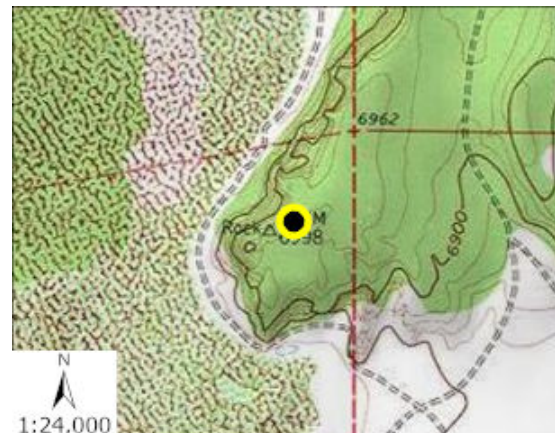
Triage Category:

Hazmat:

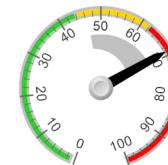
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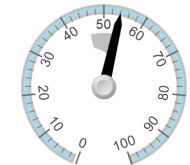
2021\_ELMA\_40562\_Sandstone Bluff Vault Toilet\_Front.jpg



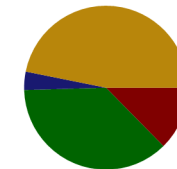
Score: 69  
Rating: High



Asset Priority Index  
(API):  
54



### Factors Driving the Ratings



Access  
Environment  
Structure  
Protection

