FIGURES
LEGEND

★ Approximate site location

NOTES

· Basemap source: ESRI National Geographic World Map.
LEGEND
- Property boundary
- A-Complex
- B-Complex
- C-Complex
- D-Complex
- E-Complex/Storage Magazine Area
- F-Complex
- New Burn Area
- Old Burn Area
- Waterbore Area

NOTES
- Aerial photo source: ESRI World Imagery.

Scale: 1" = 500'

FORMER UNIVERSAL PROPULSION COMPANY, INC. FACILITY
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SITE FACILITY MAP

ARCADIS
LEGEND
- Property boundary
- Groundwater monitoring well
- Groundwater monitoring well (deep)
- Planned remediation well
- Soil vapor monitoring well
- Private well

NOTES
- Aerial photo source: ESRI World Imagery.
LEGEND
- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES
- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
LEGEND

- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES

- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
- NM = not measured.

Scale: 1" = 600'

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2015 ANNUAL MONITORING REPORT

GROUNDWATER ELEVATIONS
FEBRUARY 25, 2015

ARCADIS
LEGEND
- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES
- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
LEGEND

- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES

- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
**LEGEND**
- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

**NOTES**
- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
LEGEND
- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES
- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
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Figure 10 GW elevations 07-2015.mxd 2/26/2016

LEGEND
- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES
- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
- NM = not measured.
LEGEND
- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES
- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
LEGEND
- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES
- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.

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GROUNDWATER ELEVATIONS
SEPTEMBER 30, 2015

ARCADIS
LEGEND
- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES
- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
LEGEND

- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES

- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.

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GROUNDWATER ELEVATIONS
NOVEMBER 25, 2015

ARCADIS
LEGEND
- Property boundary
- Shallow bedrock unit well
- Sedimentary unit well
- Deep well
- Soil vapor monitoring well
- Shallow bedrock unit groundwater elevation contour
- Sedimentary unit groundwater elevation contour

NOTES
- Aerial photo source: ESRI World Imagery.
- Groundwater elevations are expressed in feet above mean sea level.
LEGEND

- Property boundary
- Groundwater monitoring well
- Groundwater monitoring well (deep)
- Planned remediation well
- Soil vapor monitoring well
- Perchlorate concentration contour (dashed where inferred)

NOTES

- Aerial photo source: ESRI World Imagery.
- Perchlorate concentrations are expressed in micrograms per liter (µg/L).
- Arizona Health Based Guidance Level (HBGL) for perchlorate = 14 µg/L.
- Wells were sampled from 1/21/2015 to 1/30/2015.
- Groundwater monitoring wells with deeper screens, depicted in green, are not used in contouring.
- * = sample was analyzed via USEPA Method 332.0; otherwise, sample was analyzed via USEPA Method 314.0.
- NS = not sampled.
NOTES

- Aerial photo source: ESRI World Imagery.
- Perchlorate concentrations are expressed in micrograms per liter (µg/L).
- Arizona Health Based Guidance Level (HBGL) for perchlorate = 14 µg/L.
- Wells were sampled from 4/14/2015 to 4/16/2015.
- Groundwater monitoring wells with deeper screens, depicted in green, are not used in contouring.
- * = sample was analyzed via USEPA Method 332.0; otherwise, sample was analyzed via USEPA Method 314.0.
- NS = not sampled.
LEGEND

- Property boundary
- Groundwater monitoring well
- Groundwater monitoring well (deep)
- Planned remediation well
- Soil vapor monitoring well
- Perchlorate concentration contour (dashed where inferred)

NOTES
- Aerial photo source: ESRI World Imagery.
- Perchlorate concentrations are expressed in micrograms per liter (µg/L).
- Arizona Health Based Guidance Level (HBGL) for perchlorate = 14 µg/L.
- Wells were sampled from 7/17/2015 to 7/24/2015.
- Groundwater monitoring wells with deeper screens, depicted in green, are not used in contouring.
- * = sample was analyzed via USEPA Method 332.0; otherwise, sample was analyzed via USEPA Method 314.0.
- J = concentration is estimated.
- NS = not sampled.

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PHOENIX, ARIZONA
2015 ANNUAL MONITORING REPORT

PERCHLORATE CONCENTRATIONS IN GROUNDWATER
THIRD QUARTER 2015
LEGEND
- Property boundary
- Groundwater monitoring well
- Groundwater monitoring well (deep)
- Planned remediation well
- Soil vapor monitoring well
- Perchlorate concentration contour (dashed where inferred)

NOTES
- Aerial photo source: ESRI World Imagery.
- Perchlorate concentrations are expressed in micrograms per liter (µg/L).
- Arizona Health Based Guidance Level (HBGL) for perchlorate = 14 µg/L.
- Wells were sampled from 10/14/2015 to 10/15/2015.
- Groundwater monitoring wells with deeper screens, depicted in green, are not used in contouring.
- "*" = sample was analyzed via USEPA Method 332.0; otherwise, sample was analyzed via USEPA Method 314.0.
- NS = not sampled.