

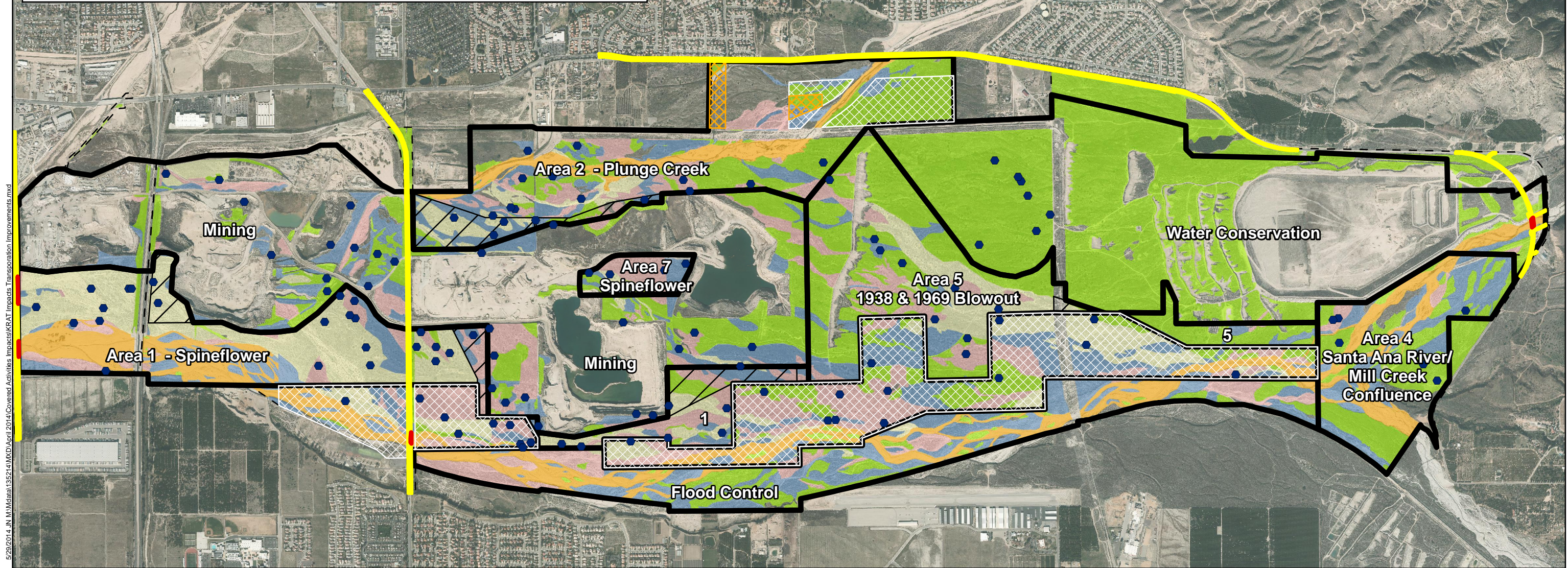
| Project | TYPE | Project (acres) | Project Impacts to KRAT (acres) |
|---|----------------------|-----------------|---------------------------------|
| Transportation Improvements | | | |
| Greenspot Road and Bridge | Proposed Roadway | 2.77 | 0.00 |
| Greenspot Road and Bridge | Proposed Channel Imp | 0.39 | 0.00 |
| Greenspot Road and Bridge | Proposed Roadway | 1.25 | 0.18 |
| Greenspot Road and Bridge | Proposed Bridge | 0.24 | 0.00 |
| Greenspot Road and Bridge | Proposed Channel Imp | 0.36 | 0.00 |
| Greenspot Road (Total) | Existing Widening | 18.41 | 0.00 |
| Alabama North Ext. (Redlands) | Proposed Widening | 1.76 | 0.00 |
| Greenspot "S" Curve (Partially Widened) | Proposed Roadway | 3.12 | 0.00 |
| Alabama North Ext. (Highland) | Proposed Widening | 2.75 | 0.00 |
| Alabama Widening | Proposed Widening | 7.06 | 0.08 |
| Orange (Highland City Limit to WP N Boundary) | Proposed Widening | 4.14 | 0.00 |
| Orange (WP Boundary to Greenspot) | Proposed Widening | 1.60 | 0.00 |
| Orange Widening | Proposed Widening | 7.44 | 0.08 |
| Orange, Pioneer Intersection Signalization | Signalization | 0.36 | 0.00 |
| Total | | 51.64 | 0.34 |

Legend

- Wash Plan Boundary
- Management Areas
- Transportation Improvements
- Transportation Improvements - Impacts to KRAT Habitat (Ecological Process Area, High Quality and Medium Quality)
- Highland Mitigation Lands
- WSPA
- Additional Conservation

KRAT Habitat Suitability

- Ecological Process Area
- High
- Medium
- Low
- Trace
- KRAT Burrows



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| Project | TYPE | Project (acres) | Project Impacts to Slender-Horned Spineflower (acres) |
|---|----------------------|-----------------|---|
| Transportation Improvements | | | |
| Greenspot Road and Bridge | Proposed Roadway | 2.77 | 0.00 |
| Greenspot Road and Bridge | Proposed Channel Imp | 0.39 | 0.00 |
| Greenspot Road and Bridge | Proposed Roadway | 1.25 | 0.00 |
| Greenspot Road and Bridge | Proposed Bridge | 0.24 | 0.00 |
| Greenspot Road and Bridge | Proposed Channel Imp | 0.36 | 0.00 |
| Greenspot Road (Total) | Existing Widening | 18.41 | 0.00 |
| Alabama North Ext. (Redlands) | Proposed Widening | 1.76 | 0.00 |
| Greenspot "S" Curve (Partially Widened) | Proposed Roadway | 3.12 | 0.00 |
| Alabama North Ext. (Highland) | Proposed Widening | 2.75 | 0.00 |
| Alabama Widening | Proposed Widening | 7.06 | 0.00 |
| Orange (Highland City Limit to WP N Boundary) | Proposed Widening | 4.14 | 2.26 |
| Orange (WP Boundary to Greenspot) | Proposed Widening | 1.60 | 0.00 |
| Orange Widening | Proposed Widening | 7.44 | 4.28 |
| Orange, Pioneer Intersection Signalization | Signalization | 0.36 | 0.00 |
| Total | | 51.64 | 6.54 |

- Legend
- Wash Plan Boundary

Management Areas

Transportation Improvements

Transportation Improvements - Impacts to Slender-Horned Spineflower Habitat

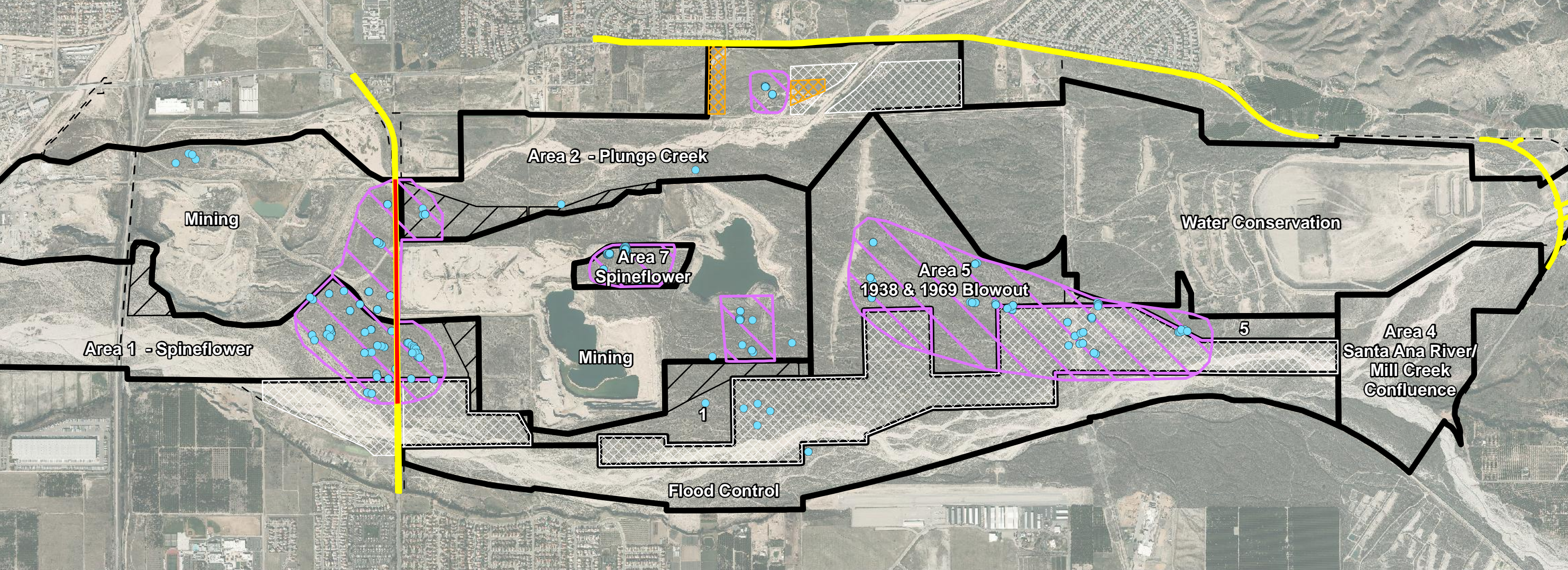
Highland Mitigation Lands

WSPA

Additional Conservation

Slender-Horned Spineflower Distribution

Slender-Horned Spineflower



| Project | TYPE | Project (acres) | Project Impacts to Woollystar (acres) |
|---|----------------------|-----------------|---------------------------------------|
| Trasnsportation Improvements | | | |
| Greenspot Road and Bridge | Proposed Roadway | 2.77 | 0.00 |
| Greenspot Road and Bridge | Proposed Channel Imp | 0.39 | 0.00 |
| Greenspot Road and Bridge | Proposed Roadway | 1.25 | 0.00 |
| Greenspot Road and Bridge | Proposed Bridge | 0.24 | 0.00 |
| Greenspot Road and Bridge | Proposed Channel Imp | 0.36 | 0.00 |
| Greenspot Road (Total) | Existing Widening | 18.41 | 0.00 |
| Alabama North Ext. (Redlands) | Proposed Widening | 1.76 | 0.00 |
| Greenspot "S" Curve (Partially Widened) | Proposed Roadway | 3.12 | 0.00 |
| Alabama North Ext. (Highland) | Proposed Widening | 2.75 | 0.00 |
| Alabama Widening | Proposed Widening | 7.06 | 0.00 |
| Orange (Highland City Limit to WP N Boundary) | Proposed Widening | 4.14 | 1.77 |
| Orange (WP Boundary to Greenspot) | Proposed Widening | 1.60 | 0.00 |
| Orange Widening | Proposed Widening | 7.44 | 0.00 |
| Orange, Pioneer Intersection Signalization | Signalization | 0.36 | 0.00 |
| Total | | 51.64 | 1.77 |

Legend

Wash Plan Boundary

Management Areas

Transportation Improvements

Transportation Improvements - Impacts to Woollystar

Highland Mitigation Lands

WSPA

Additional Conservation

Woollystar Distribution

Woollystar Occurrence Records

1-25

25-50

>50

Present, number of plants unknown

The map displays the Upper Santa Ana River Wash Plan area, showing various management zones and transportation projects. Key features include:

- Management Areas:** Mining, Water Conservation, Flood Control, and additional conservation areas.
- Transportation Improvements:** Highlighted in yellow, showing proposed roadways and bridges.
- Woollystar Occurrence Records:** Indicated by colored squares representing different plant counts (1-25, 25-50, >50) and purple squares for unknown counts.
- Specific Areas:** Area 1 - Spineflower, Area 2 - Plunge Creek, Area 5 1938 & 1969 Blowout, and Area 4 Santa Ana River/Mill Creek Confluence.
- Other Features:** Greenspot Road and Bridge, Alabama North Ext. (Redlands), Greenspot "S" Curve (Partially Widened), Alabama North Ext. (Highland), Alabama Widening, Orange (Highland City Limit to WP N Boundary), Orange (WP Boundary to Greenspot), Orange Widening, and Orange, Pioneer Intersection Signalization.

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RBF

CONSULTING

A Baker Company

Source: Eagle Aerial 2012

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Feet

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Transportation Improvements - Woollystar Habitat Impact

REVISED HCP UPPER SANTA ANA RIVER WASH PLAN

Exhibit