APPENDIX A

Results of Implementation of Take Methodologies in Support of the San Bernardino County Master Storm Water System Maintenance Program

RESULTS OF IMPLEMENTATION OF TAKE METHODOLOGIES IN SUPPORT OF THE SAN BERNARDINO COUNTY MASTER STORMWATER SYSTEM MAINTENANCE PROGRAM

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ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
°F	degrees Fahrenheit
County	San Bernardino County
District	San Bernardino County Flood Control District
DRECP	Desert Renewable Energy Conservation Plan
GIS	geographic information system
MSWSMP	Master Stormwater System Maintenance Program
RAFSS	Riversidean alluvial fan sage scrub
USFWS	U.S. Fish and Wildlife Service

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1 INTRODUCTION

Dudek is providing this report to summarize the implementation of the take methodologies for federally and/or state-listed threatened or endangered species that will support species permitting requirements for the Master Stormwater System Maintenance Program (MSWSMP; project). This report has implemented the existing take methodologies that were developed with the wildlife agencies for the following species: coastal California gnatcatcher (*Polioptila californica californica*), San Bernardino kangaroo rat (*Dipodomys merriami parvus*), least Bell's vireo (*Vireo bellii pusillus*), desert tortoise (*Gopherus agassizii*), Mohave ground squirrel (*Spermophilus (Xerospermophilus) mohavensis*), and Delhi sands flower-loving fly (*Rhaphiomidas terminatus abdominalis*). An assessment for southern rubber boa (*Charina umbratica*) was completed by Steve Lowe and results are provided under separate cover (Loe 2015). The goal for each species was to identify the amount of habitat present within the maintenance footprint that is suitable for or potentially occupied by listed species, and then to calculate the acreage of impact to suitable and/or occupied habitat of listed species. These results can be used in the analysis for the MSWSMP Environmental Impact Report and mitigation planning, as well as to obtain incidental take permits from the California Department of Fish and Wildlife and the U.S. Fish and Wildlife Service (USFWS).

The San Bernardino County Flood Control District (District) created a Geographic Information System (GIS) layer of maintenance activities to be covered by the MSWSMP (maintenance layer). This layer was used to calculate potential impacts to species habitat. The District also created a GIS layer which encompassed all maintenance activities and extended to the extent of each maintained facility. This layer was used as the project area and habitat assessments were conducted within the project area. A vegetation community map was prepared for the MSWSMP project area (Dudek 2016) and was utilized when selecting vegetation communities for the habitat assessments discussed herein. When calculating impacts, maintenance activities that overlap with each other were clipped so there was no duplication of acreage calculations. The following priority was used when clipping the maintenance activities: federal maintenance layer, mechanized land clearing, stockpiles, vegetation management, herbicide, ingress/egress, bank repair.

The methodologies and results for each species analyzed are presented in the following text.

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2 CALIFORNIA GNATCATCHER ASSESSMENT

Overall, the historical distribution and results of recent focused surveys indicate the possible absence or very limited distribution of nesting California gnatcatcher within or adjacent to MSWSMP facilities. However, it is expected that occasional dispersing individuals will use some of the MSWSMP facilities where the facility may be connected to a breeding population in the vicinity, such as the more mature habitat present to the east of Redlands Municipal Airport. Although California gnatcatchers appear to be absent or in very limited distribution within and adjacent to MSWSMP facilities, the possibility of breeding California gnatcatchers taking residence in the future remains.

2.1 Species Background

2.1.1 Distribution

Davis et al. (1998) provides a review of history and status of the California gnatcatcher in San Bernardino County (County) that indicates very few records existed between 1960 and 1997; at one time, they were believed to be extirpated from the County (Atwood 1993). However, somewhat sporadic records of California gnatcatcher within the County have been recorded from 1998 to present. One well-documented breeding population occurs east of the Redlands Municipal Airport and on the south side of Mill Creek, east of its confluence with the Santa Ana River and within an area of fairly mature alluvial fan sage scrub habitat. The following paragraphs provide a summary of California gnatcatcher distribution within the MSWSMP area.

The western portion of the MSWSMP area along the foothills of the San Gabriel Mountains from Frankish Canyon to Cucamonga Canyon north of San Antonio Heights, as well as farther east to Archibald Avenue, does not have any historical locations of California gnatcatcher within the California Natural Diversity Database or the USFWS Carlsbad office database (USFWS 2013). Additionally, the species was absent from this area during protocol California gnatcatcher surveys that were conducted in 2009 (nine visits, nonbreeding) and 2013 (six visits, breeding) of the West Frankish Basin, San Antonio Basins 1–6, Cucamonga Dam, Cucamonga Crosswalls, Cucamonga Channel, and Demens Basin, although Cucamonga Canyon was not surveyed in 2013. A breeding California gnatcatcher survey (six visits) in 2012 in Cucamonga Canyon was negative. In addition, a focused breeding survey (six visits) in 2007 was negative for a 4-acre project site just south of Demens Basin. These results suggest that California gnatcatcher currently do not occur in this area or occur at a very low level, perhaps during dispersal events that are not readily detectable with standard survey methods.

At Deer Creek Canyon, Day Creek Canyon, East Etiwanda Canyon, and Henderson Canyon, there are scattered historical records of California gnatcatcher. During 2013 California gnatcatcher breeding protocol focused surveys (six visits) of Hillside Basin, Deer Dam, Day Creek Debris Basin, and Etiwanda Debris Basin, no breeding California gnatcatchers were detected. The only detection made was of a dispersing juvenile on one occasion at the Hillside Basin, which could indicate a breeding population somewhere in the vicinity. Deer Creek and Hillside Channel were also surveyed in 2012 (a six-visit breeding survey), with negative results. The Etiwanda Debris Basin had focused California gnatcatcher protocol breeding surveys (six visits) conducted in 2005 and 2012, with negative results. These results suggest that California gnatcatchers currently occur at a very low level, perhaps only during dispersal, within these basins.

Morse Canyon and San Sevaine Canyon do not have any historical records of California gnatcatcher, despite the presence of potentially suitable habitat. Focused protocol nonbreeding California gnatcatcher surveys (nine visits) in 2010–2011 for the San Sevaine Spreading Grounds were negative. Farther to the east, focused protocol California gnatcatcher breeding surveys (six visits) of the Rialto Municipal Airport project site in 2006 were negative. The focused protocol California gnatcatcher nonbreeding surveys (nine visits) in 2010 and focused protocol California gnatcatcher breeding surveys (six visits) in 2012 for Cactus Basin were negative as well. These results suggest that California gnatcatchers may not currently occur in these basins or occur at such low levels that they have not been detected.

Lytle Creek has historical records of the species to the east and west near Interstate 15, near the confluence of Lytle Creek Wash and Cajon Wash, and in the hills below Glen Helen Pavilion. However, focused protocol California gnatcatcher nonbreeding surveys (nine visits) conducted 2006–2007 at the Glen Helen Parkway Grade Separation Project (Cajon Creek near Interstate 15) were negative.

Farther to the east in the foothills of the San Bernardino Mountains, California gnatcatchers have been historically (1990s) located in Sycamore and Badger Canyons. Near these areas, results of California gnatcatcher focused breeding surveys (six visits) for breeding California gnatcatchers in 2013 were negative for Badger and Sycamore Basins, and only a single dispersing juvenile was observed on one occasion at Devils Basin, which could indicate a breeding population somewhere in the vicinity. Another focused protocol California gnatcatcher breeding survey (six visits) of Devil's Canyon in 2013 had negative results. Farther east, there are no historical records of California gnatcatcher in the foothills of the San Bernardino Mountains through to Seven Oaks Dam; however, it is not known if previous focused surveys have occurred in this area or if the quality of the habitat is not well documented.

Within the alluvial fan sage scrub habitat of Plunge Creek, the Santa Ana River, and Mill Creek, there are scattered records of California gnatcatcher from the 1990s until recently. At Mill Creek and Garnett Bridge, focused protocol California gnatcatcher breeding surveys (six visits) of alluvial fan sage scrub habitat conducted in 2007, 2010, and 2011 were negative. Near Plunge Creek and Alder Creek, focused protocol California gnatcatcher breeding surveys (six visits) conducted in 2010 were negative.

2.1.2 Dispersal and Territory Size

Most juveniles disperse less than 1.2 miles from their natal territory, with reported mean distances varying from 0.7 to 2 miles (Atwood and Bontrager 2001). However, they are capable of dispersing longer distances (up to 13.7 miles) (USFWS 2010a). Dispersal of juveniles generally requires a corridor of native vegetation that connects appropriate sage scrub vegetation patches (Soulé 1991), although they will use highly human-modified landscapes at least occasionally (Bailey and Mock 1998). Adult territories only show slight shifts within and between years (Atwood and Bontrager 2001).

In Riverside County, breeding California gnatcatcher territories averaged 8.4 acres (Braden et al. 1997), with up to an 80% increase in home range size during the nonbreeding season (Preston et al. 1998). Small, disjunct patches of coastal sage scrub distributed within grassland matrices may be incorporated into nonbreeding season home range, even if they are too small to support a breeding pair (Atwood and Bontrager 2001).

2.2 Effects Methodology

Habitat suitability classification system based on vegetation composition or structural criteria that might be developed for California gnatcatcher would be poor at predicting occupied habitat because the project is located in the southern foothills of the San Bernardino and San Gabriel Mountains, at the very northeastern fringe of the species' current range (USFWS 2010a). California gnatcatcher may be locally common, patchily distributed, or absent in areas of apparently suitable habitat. To compensate for any potential effects, a simplistic approach was used based on the assumption that a breeding territory is approximately 8.4 acres in size, and that up to 3 breeding territories could be potentially affected.

2.3 Results

Because nesting California gnatcatchers are not expected to occur within the maintenance footprint, there will be few to no effects to the species as a result of project implementation. For compensation purposes, a maximum of up to 3 breeding territories (each 8.4 acres) has been assumed, resulting in 25.2 acres of compensation.

2.4 Conclusions

As discussed in Section 2.1, Distribution, the occupation of the California gnatcatcher is not expected over the project site because focused surveys have shown that this species is not prevalent in this portion of the County. However, to mitigate for any potential impacts to breeding California gnatcatchers (considered unlikely), 25.2 acres of sage scrub habitat will be acquired to compensate for the loss of up to 3 territories. It is important to note that suitable habitat for California gnatcatcher may also be suitable for species such as the San Bernardino kangaroo rat, so this acreage is not necessarily exclusive to California gnatcatcher.

3 SAN BERNARDINO KANGAROO RAT ASSESSMENT

The analysis was completed for areas where the maintenance layer overlaps the range of the San Bernardino kangaroo rat and potentially suitable alluvial fan sage scrub habitat.

3.1 Species Background

3.1.1 Distribution

Core populations of the San Bernardino kangaroo rat occur within the project area, including within the Santa Ana River, Mill Creek, Plunge Creek, City Creek, Lytle Creek, and Cajon Wash. This species was historically recorded in the Devil Creek area, but extensive recent trapping [add citation to county trapping] did not record the species as present. Considering the limited quality and distribution of the habitat, that it is isolated from core areas, and the lack of recent records, this species is not expected to recolonize this area and it is considered absent from the Devil Creek area. The species has been recorded within Cable Creek in 2004, but extensive trapping conducted in a large swath of habitat near Little League Drive did not record the species (MBA 2006). Therefore, Cable Creek is considered an area where the species may persist in low numbers, but would not qualify as a core population. In addition, the Cable Creek area is currently isolated from core areas such as Lytle Creek and Cajon Wash, whereas historically it would have been connected. Large portions of the Etiwanda Fan may have historically supported some small San Bernardino kangaroo rat populations. However, many trapping studies have been conducted since 1998 with only a very few positive occurrences. Therefore, the Etiwanda Fan is considered an area where the species may persist in low numbers, and possibly only in the more eastern portion (such as Etiwanda Creek), but would not qualify as a core population. In addition, the Etiwanda Fan is currently isolated from core areas such as Lytle Creek, whereas historically it would have been connected. Twin Creek was historically an unaltered tributary to the Santa Ana River that supported suitable San Bernardino kangaroo rat habitat and has a record from 1999 north of Lynwood Drive. An aerial review shows that Twin Creek was channelized in portions and somewhat disconnected from the Santa Ana River since before 1938. In addition, an extensive trapping effort by the San Bernardino County museum occurred in Twin Creek in 2002 without any positive results. Considering the limited quality and distribution of the habitat, that it is isolated from core areas, and the lack of recent records, this species is not expected to recolonize this area and it is not expected to occur at Twin Creek. Finally, no positive occurrences of San Bernardino exist for the Santa Ana River downstream of the Interstate 10 and 215 interchange, even though historically they should have been present. The Santa Ana River is partially channelized in the reach near the interchange, which has isolated the downstream areas from core populations; therefore, San Bernardino kangaroo rat is considered absent from Santa Ana River downstream of the Interstate 10 and 215 interchange.

3.1.2 Habitat Preferences

Primary habitat is Riversidian alluvial fan sage scrub within active alluvial floodplains. Each successional stage of this habitat (pioneer, intermediate, and mature) is used, but highest densities are often found in pioneer and intermediate phases. A high density of nonnative grass is the best negative predictor of occupancy (4), but it also avoid other unsuitable substrates like compacted soils or areas with limited sands and lots of boulders. It can occur in very sparsely vegetated areas as long as there are sandy, friable soils present.

3.2 Effects Methodology

Step 1: Identify Facilities in Potentially Suitable Habitat

An aerial review of the entire maintenance layer within the range of San Bernardino kangaroo rat,as determined by San Bernardino kangaroo rat critical habitat (73 FR), was completed to identify potentially suitable habitat. Areas determined to be on the fringe or outside of the current known range were classified as outliers because the potential presence of San Bernardino kangaroo rat would not be easily predicted using a suitability classification system (see section 3.1.1 above). In addition, to aid in the review of facilities, USFWS critical habitat and documented occurrences of San Bernardino kangaroo rat were compiled in GIS based on records in the California Natural Diversity Database, USFWS GIS data, and County GIS data.

Step 2: Vegetation Mapping

Vegetation types in the maintenance areas selected in Step 1 were refined into four subclassifications of Riversidean alluvial fan sage scrub based on existing aerial imagery and field work: pioneer, intermediate, mature, and pioneer-disturbed. The four subclassifications of Riversidean alluvial fan sage scrub are distributed based on differences in flooding frequency and intensity, which typically correlate with San Bernardino kangaroo rat habitat quality.

The most frequently flooded areas tend to be located adjacent to the active creek channel and are where early successional (or pioneer) plant species tend to establish and dominate the landscape. Vegetation tends to be sparse and of low species diversity and stature (Hanes et al. 1989). Burk et al. (2007) found that in the Santa Ana River, the pioneer stage of Riversidean alluvial fan sage scrub was indicated by the presence of California broomsage (*Lepidospartum squamatum*; also called scalebroom) and/or sessileflower false goldenaster (*Heterotheca sessiliflora*) and where soils are characterized by high sand and low organic and clay content. Other plant species found in the pioneer stage included brittlebush (*Encelia farinosa*), Santa Ana River woollystar (*Eriastrum densifolium* ssp. *sanctorum*), sweetbush (*Bebbia juncea*), and California croton (*Croton californicus*) (Burk et al. 2007). Hanes et al. (1989) lists the three representative plant species of the pioneer phase as California broomsage, Eastern Mojave buckwheat (*Eriogonum*

fasciculatum; also called California buckwheat), and mulefat (*Baccharis salicifolia*). Total vegetative cover in a pioneer phase ranges from 1% to 48% (Smith 1980; Wheeler 1991, as cited in USFWS 2010b) and lasts approximately 30–40 years after flooding (Smith 1980).

Areas at mid-elevated locations above the active floodplain (or terraces) tend to be much less frequently flooded and support mid-successional (or intermediate) plant species. Vegetation can be dense and is composed mainly of subshrubs (Hanes et al. 1989). Burk et al. (2007) found that in the Santa Ana River, the intermediate stage of Riversidean alluvial fan sage scrub was indicated by the presence of Douglas' ragwort (*Senecio flaccidus* var. *douglasii*) and white sage (*Salvia apiana*). Other plant species found in the intermediate stage by Burk et al. (2007) were pinebush (*Ericameria pinifolia*), San Joaquin snakeweed (*Gutierrezia californica*), common deerweed (*Acmispon glaber*), California juniper (*Juniperus californica*), and chaparral yucca (*Hesperoyucca whipplei*), as well as cryptogrammic crusts. Hanes et al. (1989) lists the three representative plant species of the intermediate phase as Eastern Mojave buckwheat, hairy yerba santa (*Eriodictyon trichocalyx*), and Palmer's goldenbush (*Ericameria palmeri*). USFWS (2010a) also lists California cholla (*Cylindropuntia californica*) and coastal pricklypear (*Opuntia littoralis*) in the intermediate phase. Total vegetative cover in an intermediate phase ranges from 49% to 65% (Smith 1980) and lasts approximately 40–70 years after flooding (Smith 1980; Burk et al. 2007).

The highest elevated terraces are where flooding only occurs during extreme and rare events and supports late-successional (or mature) plant species. Vegetation is dense and is composed of fully developed subshrubs and woody shrubs (Hanes et al. 1989). Burk et al. (2007) found that in the Santa Ana River, the mature stage of Riversidean alluvial fan sage scrub was indicated by the presence of coastal sagebrush (*Artemisia californica*), prickly pear (*Opuntia sp.*), and brownplume wirelettuce (*Stephanomeria pauciflora*). Other plant species found in the mature stage by Burk et al. (2007) were hairy yerba santa, chamise (*Adenostoma fasciculatum*), common deerweed, and California juniper. Hanes et al. (1989) lists the four representative plant species of the mature phase as chamise, Eastern Mojave buckwheat, hairy yerba santa, and Palmer's goldenbush. USFWS (2010a) also lists sugar sumac (*Rhus ovata*) and hollyleaf cherry (*Prunus ilicifolia*) for the mature phase. Total vegetative cover in the mature phase ranges from 66% to 88% (Smith 1980) and lasts approximately 70 years after flooding (Burk et al. 2007).

The fourth subclassification is pioneer-disturbed, which is established in areas of the wash that have been mechanically manipulated within the last 5 years (based on aerial photography and/or evidence gathered in the field).

Areas that are within the very active floodplain (or low-flow channel) are not likely used year-round but instead for traveling and seasonal foraging by San Bernardino kangaroo rat (USFWS 2010c). In active wash areas, unvegetated conditions with either soft sandy conditions or exposed gravel and/or boulders are not conducive to San Bernardino kangaroo rat burrowing.

Therefore, low-flow channels were not classified as San Bernardino kangaroo rat habitat because of the frequency of scouring and flooding (annually).

Step 3: Habitat Suitability Classification

The boundaries of the vegetation subclassifications established during the plant community mapping were used to determine the suitability for San Bernardino kangaroo rat at a finer scale. Using Google Earth, sample plots were randomly placed at locations that were large enough to accommodate a plot without overlapping a vegetation boundary. A total of 36 plots were placed in this manner. At each of the 36 sampling plots, 1 qualitative vegetation quadrat was placed. Each quadrat followed the recommended size for shrublands of 400 square meters (CNPS and CDFG 2011) and was placed at 20 x 20 meters or 10 x 40 meters.

At each quadrat, parameters were gathered to assess the habitat suitability for San Bernardino kangaroo rat (Appendix B). Parameters assessed included soil compaction, soil composition (surface coarse fragments), vegetative cover, vegetative type, and connectedness to a core population. The field data was collected by Mikael Romich on the following dates: April 19, 20, 21, 28, 29, May 16, 27 June 6, 8, and December 1 and 2, 2016. These San Bernardino kangaroo rat habitat suitability categories were developed based on the background literature and knowledge of this species' ecological requirements.

Soil Compaction

Soil compaction is an important indicator for presence of fossorial species, particularly for San Bernardino kangaroo rat, that have weak forelegs and are restricted to burrowing in soil that has not been compacted, such as alluvial deposits of sand or sandy loam (Reynolds 1958; Huey 1951). Soils that are too compact in the first six inches would not permit San Bernardino kangaroo rats to burrow. Examples may include compacted and/or used access roads, levees, graded staging areas or other disturbed areas, or areas where cemented gravel or boulders are present. Conversely, very fresh deposits of sand do not have the structure necessary to support San Bernardino kangaroo rats' shallow burrows (6 inches in depth) and would be prone to cave-ins (Reynolds 1958). Soft bare sands can also be caused by anthropogenic factors such as mechanical disturbance of the soils (which would also eliminate any burrows). Through the passage of time, unconsolidated soils would gain structure and may become more suitable for kangaroo rat burrows.

Soil Composition

Soil composition is also important for San Bernardino kangaroo rat, which need bare soil surface for dust-bathing and efficient seed collection (Price 2007, as cited in 73 FR 61936). Conversely, the presence of boulders and cobble has been found to be a strong negative predictor of San

Bernardino kangaroo rat occupancy (USFWS 2010c). Contributing to a lack of available sandy soils is a predominance of litter (including thatch), trash, and plant stems.

Vegetative Cover and Grasses

High levels of vegetative cover, perennial and annual, would also limit the availability of bare soil surface. The abundance of perennial grass cover interferes with San Bernardino kangaroo rat movement by reducing the ease of travel that is necessary for predator avoidance (Reynolds 1958), and therefore, has been shown to be the best negative predictor of San Bernardino kangaroo rat occupancy (USFWS 2010c). Kangaroo rats declined substantially once percentage annual grass cover exceeded 20%–30% (USFWS 2010c, Figure 20).

Connectedness to a Source

The connectedness to a source population is an important consideration when determining the suitability of habitat for San Bernardino kangaroo rat because the expected persistence of a metapopulation is sensitive to the extent of dispersal that is occurring. Although the ability of San Bernardino kangaroo rat to disperse across particular landscape features is not well documented, it is expected to be less than the maximum (but not necessarily absent) in particular scenarios. Landscape features expected to constrain San Bernardino kangaroo rat movement and dispersal include paved roads; railroad tracks; maintained access roads covered with gravel or similar imported material; levees; wide, unvegetated, active wash areas; and unsuitable vegetation or land cover types. Other factors expected to constrain San Bernardino kangaroo rat movement and dispersal include overall distance to a source and patch size to be located.

Each of the habitat suitability parameters mentioned previously were assigned a score, with 1 representing habitat that would be the least desirable to San Bernardino kangaroo rat and 4 representing habitat that is most desirable to San Bernardino kangaroo rat (Table 1). The summation of each of the four habitat suitability scores was then calculated for each sample plot to produce a San Bernardino kangaroo rat habitat suitability rank. The ranks were applied to the corresponding plant community types that demonstrated similar traits during field work or aerial interpretation.

Table 1
San Bernardino Kangaroo Rat Parameter Integration to Determine Habitat Suitability

Rank	Soil Compaction (%)	Soil Composition (sand and cryptogrammic crust %)	Vegetative Cover (% open)	Total Exotic Annual Cover (%)	Connectedness
1	Only high	<10	<10	>50	3+ constraints
2	<15 moderate	10–25	10–24 (or >95)	>40–50	2 constraints
3	15–50 moderate	25–50	25–45 (or 86–95)	31–40	1 constraint
4	>50 moderate	>50	>45 (<85)	<30	No constraints

Step 4: Focused Trapping

Selective focused trapping sampling to estimate relative abundance of San Bernardino kangaroo rat was completed to corroborate the assignment of habitat suitability categories as described previously. The USFWS provided concurrence for trapping methodology and locations. San Bernardino kangaroo rat trapping results were used to validate the habitat suitability category assigned to an area and to assist in determining the relative San Bernardino kangaroo rat abundance level for low-, moderate-, and high-quality habitat. If the trapping results indicated that the habitat quality category was not adequately reflecting abundance, the weighting of the factors in the habitat suitability category were refined to more closely match the trapping results.

In order to estimate relative abundance of San Bernardino kangaroo rat, focused trapping occurred at 12 sampling plots. A 4-night trapping protocol was used since it has been shown to effectively provide an acceptable level of effort to capture rate (USFWS 2010c). To minimize unnecessary harassment of the species, a minimum level of trap nights (3 consecutive nights) was used in areas where San Bernardino kangaroo rat were trapped since it would result in a reasonable relative abundance index (USFWS 2010c). Mixed birdseed was used as bait. Traps were set and baited during the early evening and were systematically checked near midnight and again at dawn. Overnight temperatures were not forecast to drop below 50 degrees Fahrenheit (°F) for the duration of the trapping.

Due to the variable configurations of the maintenance footprint in suitable habitat, the shape of the varied trapping grids was adjusted to meet the specific field conditions. Trapping included 5 × 5 grids (25 traps), 6 × 4 grids, and 12 × 2 grids (24 traps), with approximately 10-meter (33-foot) spacing. A trap line of 25 × 1 grids was also used due to the longer linear nature of the proposed maintenance. A total of six grids were trapped in somewhat close proximity to each other during a single session. Each captured animal was identified to the species level, with all San Bernardino kangaroo rat being sexed and marked with nonpermanent ink to determine the rate of recapture.

All traps were checked by Dana McClaughlin (USFWS 10(A)1(a) permit No. TE-068799-4), with assistance from Dudek biologist Anna Cassady. Table 2 summarizes the dates, times, biologists present, and conditions during the survey.

Table 2
Locations, Dates, Times, and Weather Conditions for Trapping

Trapping Grid #	Total No. Traps/ No. Nights	Dates(2016)	Biologists	Recorded Weather Conditions
CW1	25/100	10/10/2016 - 10/13/2016	D. McLaughlin	57°F - 64°F, 0% cloud cover, 0-2 mph
CW2	24/96	10/10/2016 - 10/13/2016	D. McLaughlin	
CW3	24/72	10/10/2016 - 10/13/2016	D. McLaughlin	
CW4	24/96	10/10/2016 - 10/13/2016	D. McLaughlin	
CW5	25/100	10/10/2016 - 10/13/2016	D. McLaughlin	
CW6	25/50	10/12/2016 - 10/13/2016	D. McLaughlin	
CW7	25/50	10/10/2016 - 10/12/2016	D. McLaughlin	
MC1	24/96	11/13/2016 - 11/16/2016	D. McLaughlin	57°F - 60°F, 0-100% cloud cover, 0-1 mph
PC1	24/96	11/13/2016 - 11/16/2016	D. McLaughlin	
PC2	24/96	11/13/2016 - 11/16/2016	D. McLaughlin	
SR1	25/75	11/13/2016 - 11/15/2016	D. McLaughlin, Anna Cassady	
SR2	25/75	11/13/2016 - 11/15/2016		
SR3	25/75	11/13/2016 - 11/15/2016		

For the relative abundance calculation, the minimum of San Bernardino kangaroo rat known to be alive during a single 3-day trap session was used as an index at each sampling plot. To account for the slightly different areas of the sampling plots, and to have a relative density measure, the minimum number known to be alive was divided by the acreage of each sampling plot.

3.3 Results

Habitat Suitability Ranking

Figure 1 shows the locations of the qualitative transects and Table 3 presents a summary of the results using the ranking system in Table 1.

Table 3
Results of Standardized San Bernardino Kangaroo Rat Habitat Assessment at Sample Plots, San Bernardino County

Sample #	Overall Rank	RAFSS	Soil Compaction	Soil Composition	% Cover Open	Total Exotic Annual Cover	Connectedness to Source	Constraint
1	3.2	P	4	4	4	3	1	veg, distance, patch size
2	2.8	P	2	4	3	4	1	veg, distance, patch size
3	3.6	P	4	4	4	4	2	veg, patch size
4	3.4	P	2	4	3	4	4	—
5	4	P	4	4	4	4	4	—
6	4	P	4	4	4	4	4	—
SAR3 or 7	4	P-dist	4	4	4	4	4	—
8	4	I	4	4	4	4	4	—
9	3.4	P	2	4	3	4	4	—
10	3.6	I	4	4	3	3	4	—
PC1 or 11	3.2	I	4	4	3	4	1	Greenspot Rd isolates this patch from core
12	2.6	P	2	1	3	4	3	—
MC2 or 13	2.6	P	1	1	3	4	4	—
14	3.8	I	4	4	3	4	4	—
15	2.4	M	2	1	2	4	3	Veg
16	3	P	2	1	4	4	4	—
MC1 or 17	2.8	M	2	2	2	4	4	—
18	3.6	I	3	4	3	4	4	—
CW5 or 19	2.4	M	4	3	1	1	3	Veg
20	3.8	I	4	4	3	4	4	—
21	3.4	P-dist	3	3	4	4	3	Railroad tracks
22	2.4	M	4	3	1	1	3	Levee
23	3	P	2	1	4	4	4	—
CW3 or 24	3.6	I	3	3	4	4	4	—

Table 3
Results of Standardized San Bernardino Kangaroo Rat Habitat Assessment at Sample Plots, San Bernardino County

Sample #	Overall Rank	RAFSS	Soil Compaction	Soil Composition	% Cover Open	Total Exotic Annual Cover	Connectedness to Source	Constraint
25	3.4	M	4	4	2	4	3	Veg
26	3.2	I	4	4	3	3	2	Levee, active wash
27	3.8	I	4	4	4	4	3	Access road/levee
28	3.2	M	4	4	2	3	3	Veg
29	2.8	M	4	4	2	1	3	Veg
30	3	M	4	3	1	4	3	Veg
31	3	P	3	1	4	4	3	Mining access road to the north, levee to the south
32	3.6	I	4	4	3	3	4	—
33	3	I	3	3	3	4	2	Levee to north, developed to south
34	2.4	M	3	2	1	4	2	Levee to north, developed to south
35	4	P	4	4	4	4	4	—
36	3.8	I	4	4	4	3	4	—
CW1	3	M	4	4	1	4	2	Levee, active wash
CW2	3.4	M	4	4	2	4	3	veg
CW4	3.2	M	4	4	1	4	3	veg
CW6	2.8	I	4	4	1	2	3	Railroad tracks
CW7	4	P	4	4	4	4	4	—
PC2	3	I	4	4	2	4	1	Greenspot rd isolates this patch from core
SR1	3.8	P	4	4	3	4	4	—
SR2	4	P	4	4	4	4	4	—

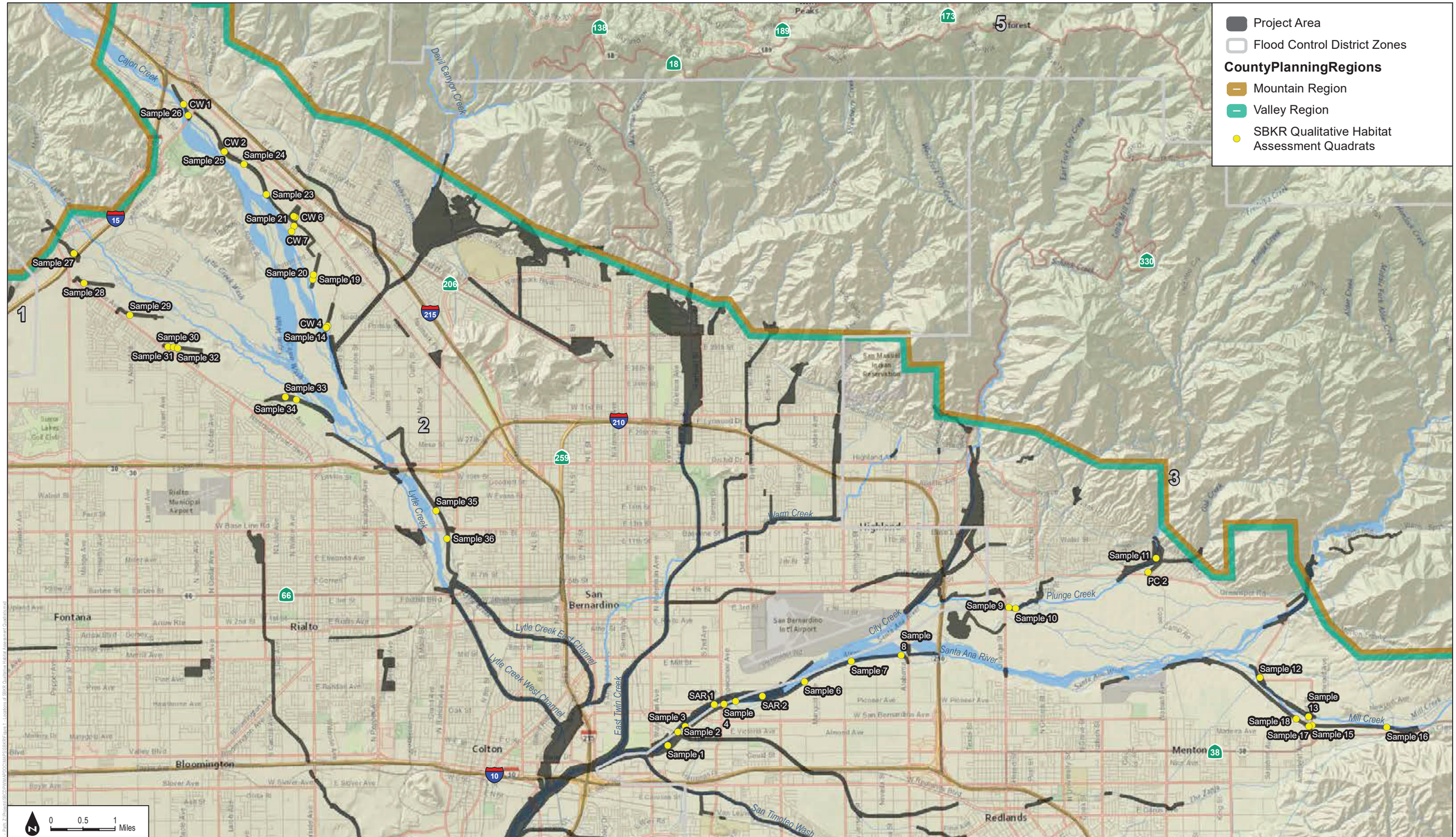
Notes: I = intermediate; M = mature; P = pioneer; P-dist = pioneer-disturbed; RAFSS = Riversidean alluvial fan sage scrub

In general, lower San Bernardino kangaroo rat habitat suitability exists near the Santa Ana River low-flow channel where recent benches have formed (see sample 2 in Table 3); this is largely due to the presence of soft sands, a general lack of vegetative cover, absence of adjacent higher quality terraces or benches (Santa Ana River is channelized downstream of Tippecanoe Avenue with abutting adjacent development), and large distances to more suitable habitat. Furthermore, these minor terraces and benches are temporary since they would be fairly regularly scoured during rain events. Upstream of Tippecanoe Avenue and more so upstream of Mountain View Avenue, high-quality benches are found adjacent to the low-flow areas.

Plunge Creek, immediately upstream of Greenspot Road, is isolated to a narrow channel where benches and terraces do not tend to remain for extended periods and appear to be subject to mechanized maintenance to keep a low-flow channel. However, adjacent and upstream of the channel, there are terraces and benches that appear to be high quality for San Bernardino kangaroo rat. The expected constraint is overall lack of connectedness to similar areas due to Greenspot Road and levees with access roads.

Terraces of Mill Creek showed poor suitability for San Bernardino kangaroo rat due to recent and frequent scour (see samples 12, 13, and 16 in Table 3), as well as rocky substrates. Although some shallow sands are present, the soils area near the low-flow channel tends to be compact and dominated by gravel and boulders. Adjacent upper terraces of Mill Creek, upstream of Garnet Avenue, north of the flood wall, were found to be unsuitable for San Bernardino kangaroo rat because of the presence of compacted soils, lack of sands, and existence of heavy vegetative cover. Adjacent terraces downstream of Garnett Bridge were found to be increasingly suitable for San Bernardino kangaroo rat since more sands were present, and there was less vegetative cover. One of the channels primarily used to transport water from Mill Creek to recharge facilities appears to be responsible for scour and sand deposition.

Within the upper portions of Lytle Creek and Cajon Wash, many of the maintenance areas evaluated are abutting existing levees, which were observed to be generally degraded, perhaps from levee construction and lack of scour. Generally, conditions were poorly suited for San Bernardino kangaroo rat due to heavy vegetative cover and compacted soils, but there were some notable exceptions. In some locations (see samples 23 and 31 in Table 3), aerials (based on vegetative cover) suggested suitable habitat, but the site assessment determined that historical disturbances rendered soil conditions unsuitable; sample 31 was located near a sand-and-gravel operation where gravel had been spread, covering native soils. Sample 27 was located in a burn area and exhibited qualities suitable for San Bernardino kangaroo rat, with the addition of San Bernardino kangaroo rat sign. Suitability for San Bernardino kangaroo rat increased downstream of the confluence of Cajon Wash and Lytle Creek where samples 35 and 36 were located, despite the presence of trash and some exotic species.



SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

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FIGURE 1

Locations of SBKR Qualitative Habitat Assessment Quadrats

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The complete results for City Creek are found in a standalone report (ICF 2015). The San Bernardino kangaroo rat suitability layer from this document is used in the analysis in Section 3.4, Conclusions, to determine potential effects of the maintenance in City Creek.

3.3.1 Acres of Potential Impact

The results of the San Bernardino kangaroo rat habitat suitability classification in Table 3 were expanded to all facilities based on similar vegetation characteristics and habitat composition, and then intersected with the MSWSMP maintenance layer to determine acres of potential impact to suitable San Bernardino kangaroo rat habitat (Appendix C). Table 4 provides a summary of acres of potential impacts. Table 5 is specific to potential impacts in City Creek, for which the San Bernardino kangaroo rat suitability layer was prepared separately (ICF 2015).

Table 4
Acres of Suitable San Bernardino Kangaroo Rat Habitat within Maintenance Activities Outside of City Creek

Maintenance Activity	San Bernardino Kangaroo Rat Suitability Classification			
	Not Suitable (acres)	*Low (acres)*	*Moderate (acres)*	*High (acres)*
Federal maintenance	15.2	14.0	23.4	2.4
Mechanized land clearing	7.1	25.7	0.5	4.1
Vegetation management	0.6	7.1	2.4	1.4
Ingress/egress	0.8	0	0	0
Stockpile	0	0	0	0
Herbicide vector control	0.3	0.7	0.1	0.4
Bank repair	0.5	1.7	1.1	4.4
Total Impacts	**24.1**	**46.8**	**28.1**	**11.7**

Notes:
Suitability Classification Scale:
None = <3
Low = 3–3.5
Moderate = >3.5–3.8
High = > 3.8

Table 5
Acres of Suitable San Bernardino Kangaroo Rat Habitat within the Maintenance Footprint for City Creek

Maintenance Activity	San Bernardino Kangaroo Rat Suitability Classification			
	Not Suitable (acres)	*Low (acres)*	*Moderate (acres)*	*High (acres)*
Federal maintenance	38.3	16.3	5.0	2.7
Mechanized land clearing	31.7	13.1	0.1	1.0
Vegetation management	8.5	5.0	0	0
Ingress/egress	0.0	0	0	0.1
Stockpile	2.9	0	0	0
Herbicide vector control	2.9	0.5	0.4	0.3
Bank repair	4.6	3.5	0.2	0
Total Impacts	**88.9**	**38.4**	**5.7**	**4.1**

Notes:
Suitability Classification Scale:
Not Suitable = <3
Low = 3-3.5
Moderate = >3.5-3.8
High = > 3.8

3.3.2 Trapping Results

San Bernardino kangaroo rat individuals were captured at 5 of the 14 locations during trapping (Figures 2 and 2A through 2M). Table 6 provides a summary of the location of all captures, the habitat type, and relative abundance.

Table 6
Summary of San Bernardino Kangaroo Rat Trapping Results

Plot No.	SBKR Habitat Rank	Dimension (traps)	Area (square meters)	No. of Traps	Mapped Plant Community*	Minimum Alive	No./Acre
CW1	3.0	1x25	1200	25	RAFSS I	0	0
CW2	3.4	4x6	1500	24	RAFSS M	0	0
CW3	3.6	4x6	1500	24	RAFSS I	1	2.7
CW4	3.0	2x12	1100	24	RAFSS M	0	0
CW5	2.4	1x25	1200	25	RAFSS M	0	0
CW6	2.8	5x5	1600	25	RAFSS I	0	0
CW7	4	1x25	1200	25	RAFSS P	2	6.7
MC1	2.8	2x12	1100	24	RAFSS M	0	0
MC2	2.6	11x4	3000	44	RAFSS P	0	0
PC1	3.2	2x12	1100	24	RAFSS I	0	0

Table 6
Summary of San Bernardino Kangaroo Rat Trapping Results

Plot No.	SBKR Habitat Rank	Dimension (traps)	Area (square meters)	No. of Traps	Mapped Plant Community*	Minimum Alive	No./Acre
PC2	3.0	2x12	1100	24	RAFSS I	0	0
SR1	3.8	5x5	1600	25	RAFSS P	2	5.1
SR2	4	5x5	1600	25	RAFSS P	9	22.8
SR3	4	5x5	1600	25	RAFSS P disturbed	6	15.2
					Total	**20**	

* I = intermediate; M = mature; P = pioneer; RAFSS = Riversidean alluvial fan sage scrub; disturbed=mechanical disturbance

San Bernardino Kangaroo Rat Predictability Score

Table 7 shows the San Bernardino kangaroo rat suitability rank and the corresponding San Bernardino kangaroo rat abundance. Overall, there appears to be a correlation between San Bernardino kangaroo rat suitability ranks and abundance. No captures of SBKR were made when sampling habitat that had SBKR ranks of between 2.6 and 3.4.

Table 7
San Bernardino Kangaroo Rat Suitability Rank and the Corresponding San Bernardino Kangaroo Rat Abundance and Associated Predictability Score

Suitability Rank	Abundance (#/acre)	City Creek Abundance (#/acre)	Predictability Score
<3	0 (n=4)	NA	Unsuitable
3-3.5	0 (n=5)	0.5 (n=5)	Low
>3.5-3.8	3.9 (n=2)	3.6 (n=10)	Moderate
>3.8	14.9 (n=3)	6.2 (n=4)	High

3.4 Conclusions

The results in Table 4 show that San Bernardino kangaroo rat impacts will be to 51.1 acres of low-quality habitat, 19.5 acres of moderate-quality habitat, and 21.4 acres of high-quality habitat. Table 5 presents the impact results for City Creek, in which San Bernardino kangaroo rat impacts will be to 38.4 acres of low-quality habitat, 5.7 acres of moderate-quality habitat, and 4.1 acres of high-quality habitat. Table 8 has assumed a reduced impact level (effect ratio) for maintenance activities such as vegetation management and bank repair

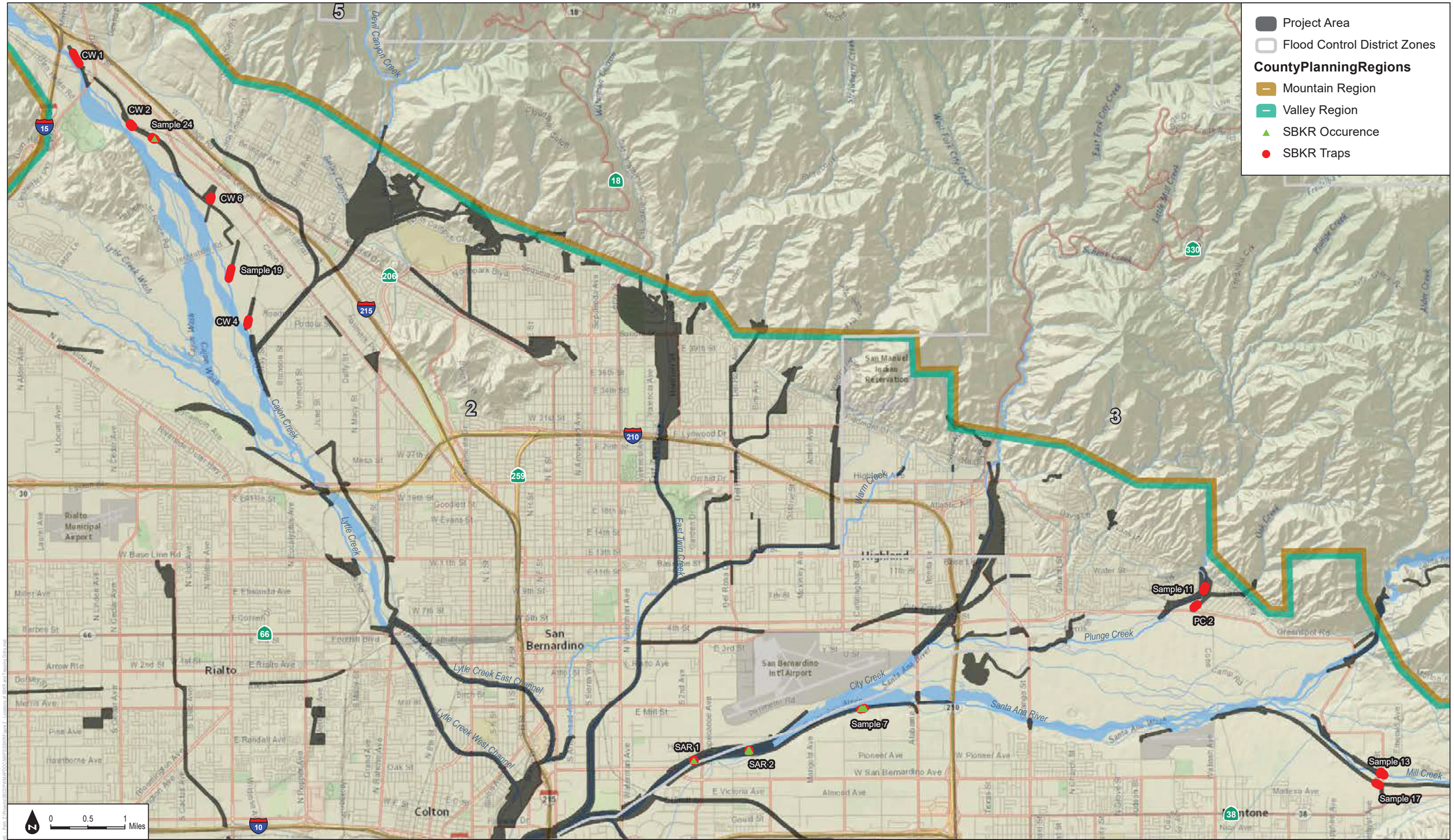
since these vegetation management is not expected to impact soil conditions and bank repair would not completely remove the habitat. In Table 8, the replacement ratios assumed were 1:1 for low-quality habitat, 2:1 for moderate-quality habitat, and 3:1 for high-quality habitat. Table 7 shows that expected abundance at low SBKR suitability is 0.25/acre when City Creek and areas outside City Creek are combined. For moderate SBKR suitability, the expected abundance ranges from 3.6-3.9/acre. Finally, for high SBKR suitability the abundance levels were found to vary dramatically between City Creek (6.2/acre) and areas outside City Creek (the Santa Ana River) (14.9/acre, but up to 22.8/acre).

The total compensation required for San Bernardino kangaroo rat is 193.4 acres (Table 8). It is important to note that habitat that is suitable for San Bernardino kangaroo rat can also be suitable for species such as the California gnatcatcher, so this acreage is not exclusive to the San Bernardino kangaroo rat; double mitigation is not required.

Table 8
Total Proposed Compensation for Effects to San Bernardino Kangaroo Rat

Maintenance Activity	Impacts to San Bernardino Kangaroo Rat Habitat Qualities							
	Low (acres)	*Mitigation Ratio**	*Moderate (acres)*	*Mitigation Ratio**	*High (acres)*	*Mitigation Ratio**	*Effect Ratio***	*Total*
Federal maintenance	30.3	1	19.4	2	13.2	3	1	110.5
Mechanized land clearing	38.8	1	0.6	2	5.1	3	1	55.4
Vegetation management	12.1	1	2.4	2	1.4	3	0.5	10.6
Ingress/egress	0.1	1	0	2	0.1	3	1	0.4
Stockpile	0	1	0	2	0	3	1	0
Herbicide vector control	1.2	1	0.5	2	0.7	3	1	4.2
Bank repair	7.1	1	0.7	2	5	3	0.5	12.3
							Total Proposed Compensation	**193.4**

Notes:
* Replacement ratios assumed were 1:1 for low-quality habitat, 2:1 for moderate-quality habitat, and 3:1 for high-quality habitat.
** A lower effect ratio (reduced impact level) has been assumed for maintenance activities that are not expected to completely remove the habitat, such as vegetation management and bank repair.



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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2

Locations of SBKR and Trapping Grids

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2A

Locations of SBKR and Trapping Grids - CW 1

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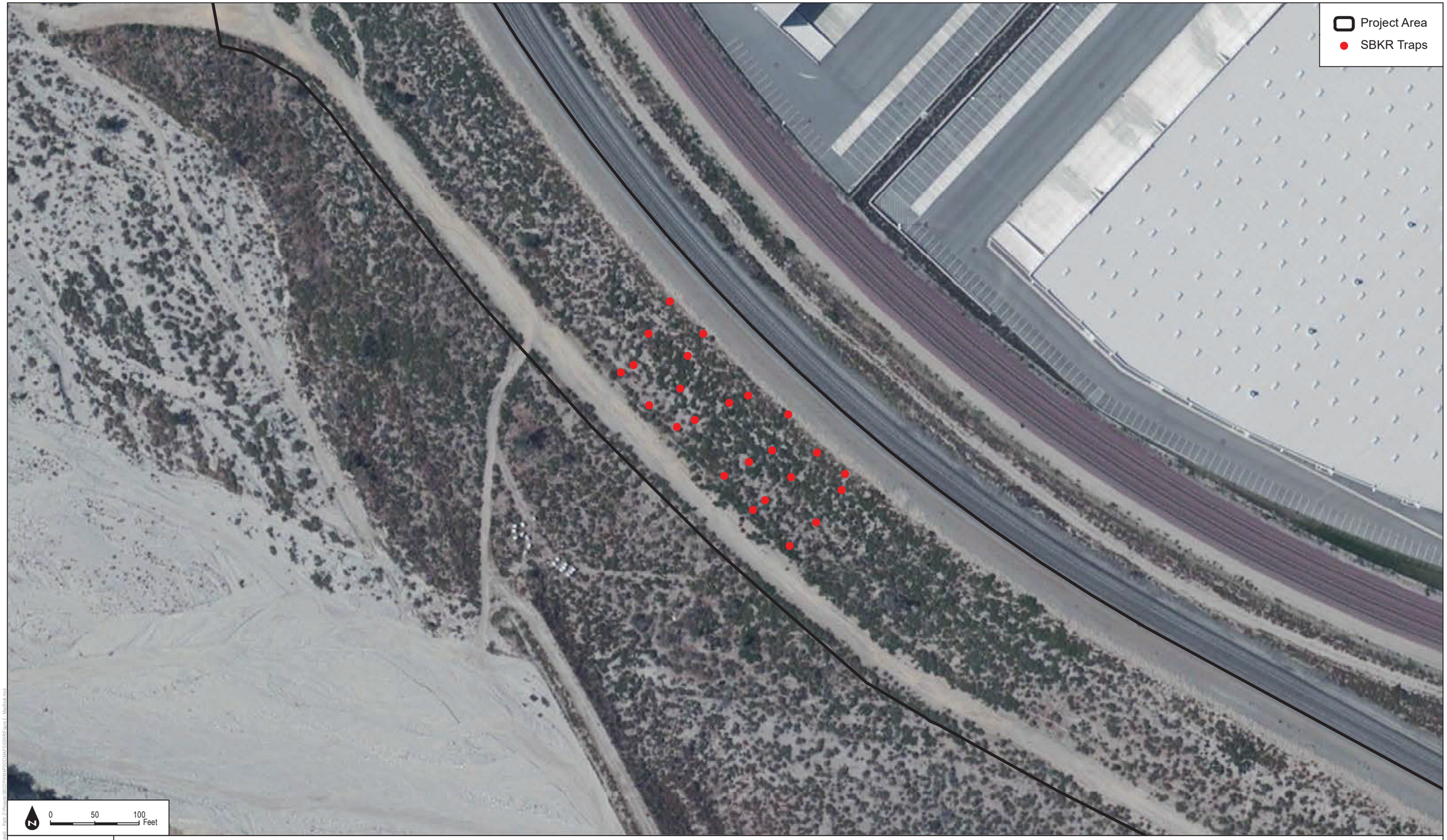

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2B

Locations of SBKR and Trapping Grids - CW 2

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2C

Locations of SBKR and Trapping Grids - CW 4

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FIGURE 2D

Locations of SBKR and Trapping Grids - CW 6

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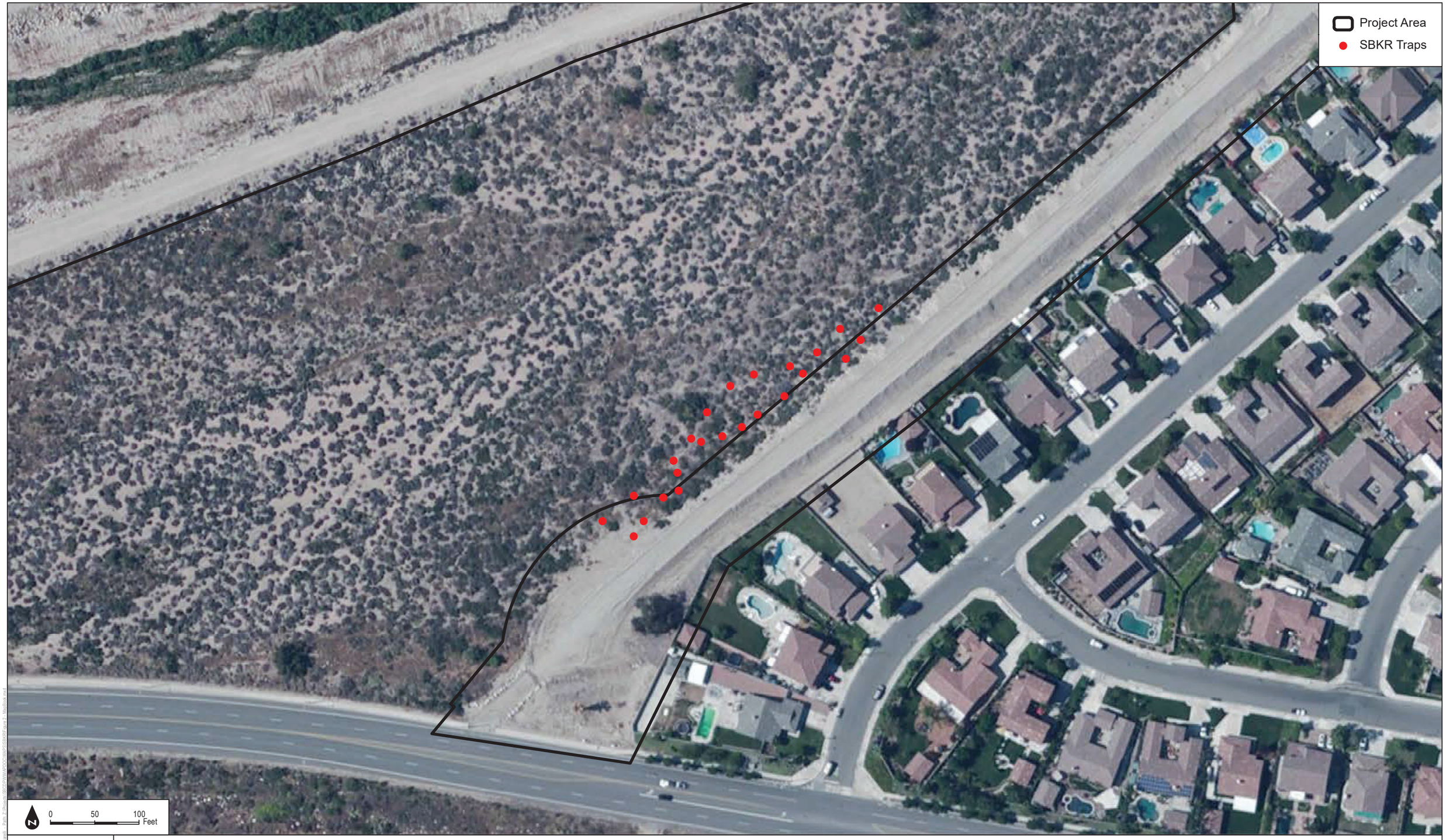

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2E

Locations of SBKR and Trapping Grids - PC 2

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2F

Locations of SBKR and Trapping Grids - Sample 11

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2G

Locations of SBKR and Trapping Grids - Sample 13

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2H

Locations of SBKR and Trapping Grids - Sample 17

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2I

Locations of SBKR and Trapping Grids - Sample 19

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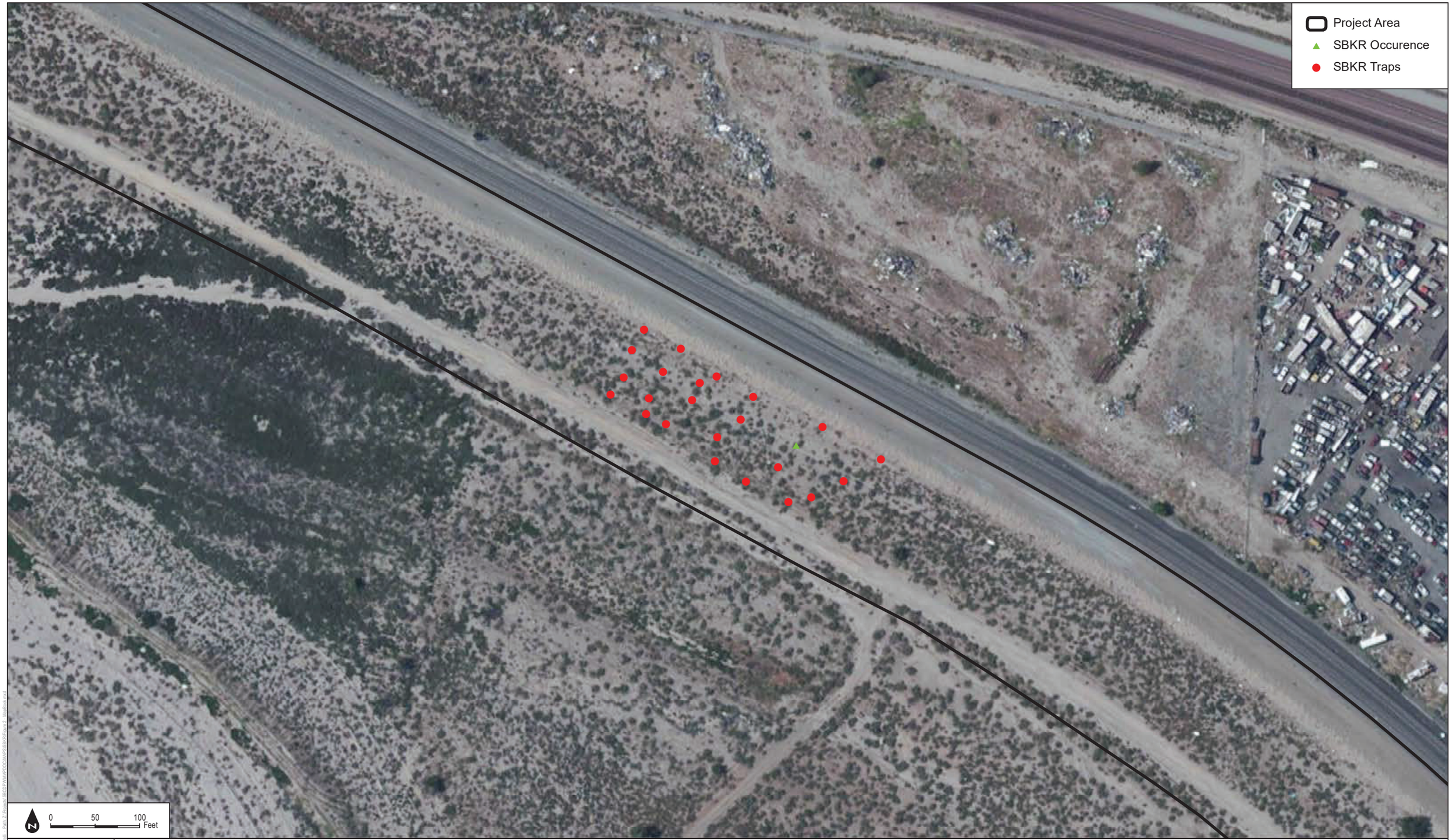

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2J

Locations of SBKR and Trapping Grids - Sample 24

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2K

Locations of SBKR and Trapping Grids - Sample 7

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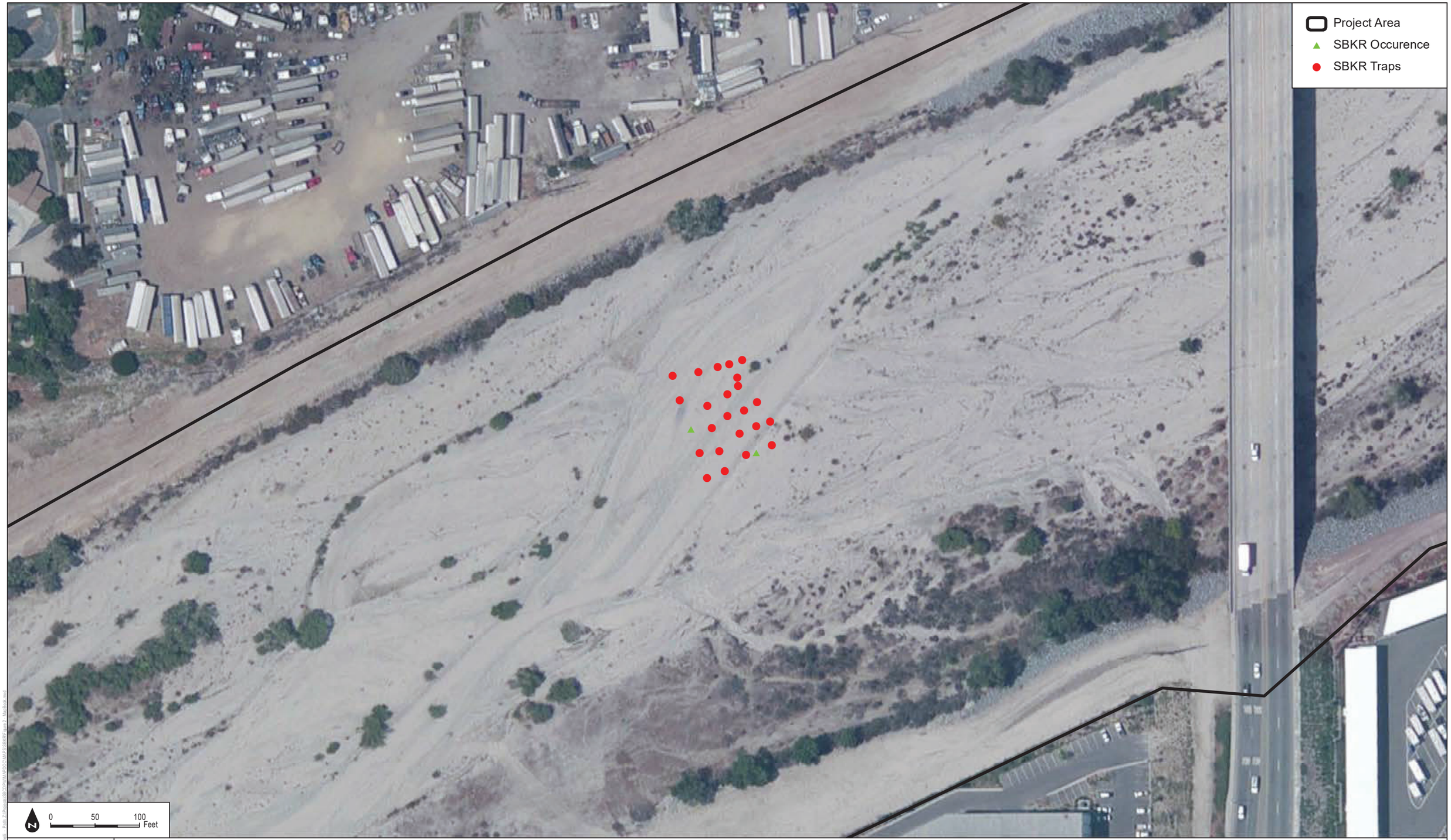

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2L

Locations of SBKR and Trapping Grids - SAR 1

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SOURCE: ArcGIS Online Basemap (Nat Geo), SBCDPW

FIGURE 2M

Locations of SBKR and Trapping Grids - SAR 2

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4 LEAST BELL'S VIREO ASSESSMENT

4.1 Species Background

Least Bell's vireo is largely associated with early successional riparian scrub and woodlands dominated by species such as mulefat, willows (*Salix* spp.), cottonwood (*Populus* sp.), and blue elderberry (*Sambucus nigra* ssp. *caerulea*) to an elevation of 4,100 feet above mean sea level (Peterson et al. 2004; Grinnell and Miller 1944). Suitable riparian habitat is typically dense with well-defined vegetative strata or layers. Most areas that have least Bell's vireo populations are in early stages of succession where most woody vegetation is 5–10 years old (Franzreb 1989).

The most critical structural component of least Bell's vireo nesting habitat in California is a dense shrub layer 2 to 10 feet aboveground (Goldwasser 1981, as cited in Kus et al. 2010; Franzreb 1989), and least Bell's vireo can use any age riparian habitat if such an understory is present (Kus et al. 2010). Nests are typically placed below approximately 6.5 feet above ground surface. In the Santa Ana River watershed between 2002 and 2012, nests were found mostly in willow species (48%), with arroyo willow (*Salix lasiolepis*) and Goodding's willow (*Salix gooddingii*) predominating and with mulefat (29%) (SAWA 2013). Other plant species also known to support nests include blue elderberry (5%), cottonwood (4%), and California wild grape (*Vitis californica*) (3%) (SAWA 2013). The presence of water, including ponded surface water or moist soil conditions, may be an important component of least Bell's vireo nesting habitat (Barlow 1962) because it would promote shrubby growth of riparian habitat.

Least Bell's vireo requires a structurally diverse canopy for foraging, and the species will use all vegetative levels up to 20 meters (65 feet) above the ground, with activity concentrated in lower to midcanopy during breeding (Barlow 1962; Kus 2002). Studies have determined that the distribution of least Bell's vireo foraging time across all heights was not a function of the availability of the vegetation at those heights but rather represented an actual preference for the 10- to 20-foot aboveground zone (Kus 2002).

4.2 Effects Methodology

The analysis was completed for areas where the maintenance layer overlaps the range of the least Bell's vireo and potentially suitable riparian habitat. Generally, the methodology for the least Bell's vireo analysis includes the following:

- Identify potentially suitable habitat within the project site by using GIS to select all riparian communities mapped within the maintenance footprint and within the known current range of the least Bell's vireo (constraint of 4,100 feet elevation).

- Rank the potential for breeding for each potentially suitable habitat using predetermined characteristics of riparian communities. For this step, six characteristics were quantified for each patch identified: patch size, habitat species composition, habitat composition relating to understory, habitat composition relating to overstory, surface water, and riparian width.

Field visits and aerial interpretation were completed by Mikael Romich to confirm the extent of the riparian vegetation and to document the factors discussed in the following text. Field visits were conducted on the following dates: April 19 and 20, May 2, 5, 6 11, and 18, 2016.

Minimum Patch Size

Least Bell's vireo breeding territory sizes were estimated at 0.7 ± 0.3 hectare (0.3–1.3 ha, n = 13) during a 3-year study on the Santa Ana River (Hays 1987, 1988, as cited in Kus et al. 2010; Collins et al. 1989, as cited in Kus et al. 2010). Therefore, a minimum riparian patch size of 0.3 hectare (including connected habitats within and outside the study site) was used as a predictor of habitat suitability for the least Bell's vireo. Minimum patch size was determined from current (2014–2016) Google Earth aerial photographs.

Factor	Value
Patch size >0.3 hectare	0 = No, 1 = Yes

Habitat Species Composition

Least Bell's vireo has an affinity for riparian habitats that promote shrubby understories but include some overstory for foraging. For example, riparian habitats dominated by willows, mulefat, blue elderberry, and cottonwood are preferred for nesting in the Santa Ana River (SAWA 2013). The field assessment determined the presence of preferred riparian species within the riparian area being assessed.

Factor	Value
Willows, mulefat, elderberry, and/or cottonwood present and compose >50% relative cover of the total riparian area	0 = No, 1 = Yes

Habitat Composition Relating to Understory and Overstory and Surface Water

For least Bell's vireo, the presence of dense understory 2 to 10 feet above ground is the most critical component for breeding (Goldwasser 1981; Franzreb 1989), and the species prefers to forage in the 10- to 20-foot aboveground zone (Kus 2002). In addition, standing water or moist soil conditions are important habitat elements that may promote suitable shrubby growth of riparian habitat. The field assessment determined if riparian habitat is present at the 0- to 10-foot

range and the 10- to 20-foot range. For any given area being measured, ≥25% occurrence of these ranges was required to qualify.

Factor	Value
Riparian understory (0- to 10-foot height) for nesting is present at >25% of the area being measured	0 = No, 1 = Yes
Riparian overstory (>10-foot height) for foraging is present at >25% of the area being measured	0 = No, 1 = Yes
Surface water or evidence of water (soil moist)	0 = No, 1 = Yes

Riparian Width

The width of the riparian area also plays into the suitability of the habitat, as typically very narrow riparian swaths are less suitable than wider swaths due to higher exposure to environmental factors, reduced cover, and increased predation. San Diego Association of Governments and RECON (1988) found significantly higher least Bell's vireo occupation rates in riparian areas with widths greater than 30 feet; therefore, a width of more than 30 feet is considered a good predictor of suitability for least Bell's vireo. At very wide widths, separate least Bell's vireo territories could occur on opposite edges of the band. The riparian width was determined from the most current available aerial photographs (primarily 2015). For any given area being measured, >25% of riparian width with height at ≥ 30 feet qualified.

Factor	Value
>25% of riparian width > 30 feet	0=No, 1= Yes

Historical Usage

The original methodology considered including historical records within a drainage system as a predictor to occupation. However, for this analysis, all appropriately suitable habitat is within the range of least Bell's vireo, and it became evident that historical usage was not a useful metric. In addition, the dynamic nature of riparian systems and the short time frame that new stands can be occupied by least Bell's vireo, plus incomplete survey records, further complicate using historic usage as a metric. Historical usage was not included in the analysis in the following text.

Proposed Ranking System

The factors listed previously add up to six, which is the maximum score a habitat can achieve. Table 9 shows the suitability classification. The habitat suitability scoring system in Table 9 is based on certain field conditions; an example would be a gallery cottonwood forest that provides

suitable foraging habitat but not nesting habitat would be typically ranked as a 4 due to the absence of understory and surface water.

Table 9
Least Bell's Vireo Habitat Suitability Classification

Definition	Habitat Suitability Score
Not suitable – Not likely to be used by least Bell's vireo for foraging or nesting	0–3
Low suitability – Contains some habitat elements usable for foraging by least Bell's vireo but does not contain all necessary components for nesting	4
Moderate suitability – Contains potentially suitable nesting habitat but lacks one factor, which reduces the overall quality	5
High suitability – Includes dense vegetation with proper structure for nesting and foraging	6

4.3 Results

The results of the least Bell's vireo habitat classification (Appendix D) were intersected with the MSWSMP maintenance layer to determine acres of potential impact to suitable least Bell's vireo habitat. Table 10 provides a summary of acres of potential impacts.

Table 10
Acres of Suitable Least Bell's Vireo Habitat within Maintenance Activities

Maintenance Activity	Least Bell's Vireo Suitability Classification			
	Not Suitable (acres)	*Low (acres)*	*Moderate (acres)*	*High (acres)*
Federal maintenance	1.5	0.3	0.1	8.0
Mechanized land clearing	14.5	12.3	8.4	46.5
Vegetation management	2.0	5.4	2.2	5.4
Ingress/egress	0.1	0	0	0.1
Stockpile	0	0	0	0.1
Herbicide vector control	0.3	0.1	0	0.2
Bank repair	4.2	9.8	1.3	5.8
Total Impacts	**22.6**	**27.9**	**12.0**	**66.1**

4.4 Conclusions

The results in Table 10 show that least Bell's vireo impacts will be to 27.9 acres of low-quality habitat, 12.0 acres of moderate-quality habitat, and 66.1 acres of high-quality habitat. Table 11 has an assumed reduced impact level (effect ratio) for maintenance activities such as vegetation management and bank repair since these are not expected to completely remove the habitat. In Table 11, the ratios assumed are 1:1 for low-quality habitat, 2:1 for moderate-quality habitat, and 3:1 for high-quality habitat. The total compensation required for least Bell's vireo is estimated at 222.0 acres.

Table 11
Total Proposed Compensation for Effects to Least Bell's Vireo

Maintenance Activity	Impacts to Least Bell's Vireo Habitat Qualities							
	Low (acres)	*Mitigation Ratio**	*Moderate (acres)*	*Mitigation Ratio**	*High (acres)*	*Mitigation Ratio**	*Effect Ratio***	*Total*
Federal maintenance	0.3	1	0.1	2	8	3	1	24.5
Mechanized land clearing	12.3	1	8.4	2	46.5	3	1	168.6
Vegetation management	5.4	1	2.2	2	5.4	3	0.5	13
Ingress/egress	0	1	0	2	0.1	3	1	0.3
Stockpile	0	1	0	2	0.1	3	1	0.3
Herbicide vector control	0.1	1	0	2	0.2	3	1	0.7
Bank repair	9.8	1	1.3	2	5.8	3	0.5	14.9
							Total Proposed Compensation	**222.0**

Notes:
* Replacement ratios assumed were 1:1 for low-quality habitat, 2:1 for moderate-quality habitat, and 3:1 for high-quality habitat.
** A lower effect ratio (reduced impact level) has been assumed for maintenance activities that are not expected to completely remove the habitat, such as vegetation management and bank repair.

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5 DESERT TORTOISE ASSESSMENT

5.1 Species Background

The characteristics of high-quality habitat for the desert tortoise have been summarized by USFWS (2011a). Such habitat typically consists of alluvial fans and plains and colluvial/bedrock slopes with vegetation alliances of creosote bush (*Larrea tridentata*), or less commonly, blackbrush (*Coleogyne ramosissima*), Joshua tree (*Yucca brevifolia*), and juniper (*Juniperus* sp.) at higher elevations and saltbush (*Atriplex* sp.) at lower elevations. In general, desert tortoises prefer creosote bush habitat with high diversity and cover of perennial species and high production of ephemeral plants, which comprise their primary diet.

5.2 Effects Methodology

The take methodology was implemented for areas where the maintenance footprint overlaps the desert tortoise range (CDFW 2016) and suitable habitat (based on the existing vegetation map).

Step 1: Vegetation Mapping

The first step in evaluating effects to desert tortoise within the maintenance facilities includes using the detailed vegetation map that has been prepared by Dudek (2016) for the Desert Region of the MSWSMP area. All suitable desert tortoise vegetation categories within the maintenance areas that overlap desert tortoise range were selected. Vegetation types that were excluded as potential habitat included agriculture, concrete channel, deciduous orchard, vineyard, disturbed/developed (including ornamental plantings), dry lake bed, active dunes (North American warm desert dunes and sand flats), irrigated row and field crops, open water, contiguous riparian forests (bush seepweed scrub alliance, Fremont cottonwood forest alliance, mulefat thickets alliance, red willow thickets alliance, sandbar willow thickets alliance, and tamarisk thickets seminatural stands), unvegetated channel, urban, and wetland (cattail marshes alliance).

Step 2: Habitat Quality Category

The second step in the process includes using internal San Bernardino County Flood Control District (District) resources to classify and map the quality of the habitat for the desert tortoise within each of the maintenance facilities identified in Step 1. The District maintains a desert tortoise habitat suitability spreadsheet and a list of desert tortoise locations. Dudek completed a desktop analysis using the potential habitat selected from the vegetation community layer and the District's habitat suitability spreadsheet to assign a high, moderate, low, or not suitable ranking to potential desert tortoise habitat; the analysis is as follows:

- **High quality.** High-quality habitats are where desert tortoises are expected at medium to high density; these areas are essential to the maintenance of large, viable populations.

desert tortoise occurrences may be recorded within or in close proximity to maintenance facilities. Creosote bush scrub habitat with high diversity and a cover of perennial species and high production of ephemeral plants would be in these areas. Somewhat sandy soils that are friable exist in the areas to allow excavation by desert tortoise but are of sufficient strength to accommodate burrows without collapsing.

- **Moderate quality.** Moderate-quality habitats are where desert tortoises are expected at low to medium density; these areas are important to the maintenance of large, viable populations. desert tortoise occurrences may have been recorded at or in close proximity to maintenance facilities, or there could be no recorded occurrences despite survey efforts within suitable habitat. The habitat present is expected or known to be part of a desert tortoise home range. Soil composition would be suitable, but the plant community present may be less than ideally suitable, such as having a higher percentage of non-native grass cover or a saltbush scrub community. A constraint to desert tortoises occurring at higher densities may be present, such as a low-level past land disturbance.
- **Low quality.** Low-quality habitats are where tortoises are expected at trace density (for example, one per 1 square kilometer); these areas not essential to maintenance of large, viable populations. They may occur as an isolated habitat patch where local extinctions are possible. It is unlikely that desert tortoises are regularly located at or in close proximity to maintenance facilities, but occasional occurrences are possible. Facilities with this rank may also be located on the fringe of or near the current known range of desert tortoise. The soils and vegetation community may be marginally suitable. A high-level past land disturbance, such as clearing and grubbing or intense cattle grazing, may be a contributor to the low-quality habitat. The habitat may also be located adjacent to developed areas and have high edge effects, as well as a greater incidence of illegal shooting and collecting.
- **Unsuitable.** Unsuitable habitat conditions are such that it is not expected to support any desert tortoises. desert tortoises have not been located at or in close proximity to these facilities. These facilities may also be located outside the current known range of desert tortoise. The soil composition and vegetation are not expected to support the species.

5.3 Results

The results of the desert tortoise classification were intersected with the MSWSMP maintenance layer to determine acres of potential impact to suitable desert tortoise habitat (Appendix E). Table 12 provides a summary of acres of potential impacts.

Table 12
Acres of Suitable desert Tortoise Habitat within Maintenance Activities

Maintenance Activity	D			
	Not Suitable (acres)	*Low (acres)*	*Moderate (acres)*	*High (acres)*
Federal maintenance	14.5	8.3	25.1	5.0
Mechanized land clearing	890.9	45.5	47.1	158.9
Vegetation management	29.5	5.9	0.3	6.3
Ingress/egress	2.6	1.0	0.2	0.4
Stockpile	7.4	1.3	0.1	25.4
Herbicide vector control	35.5	16.3	5.7	15.0
Bank repair	191.0	56.9	4.7	0.6
Total Impacts	**1,171.4**	**135.2**	**83.2**	**211.6**

5.4 Conclusions

The results in Table 12 show that desert tortoise impacts will be to 294.8 acres of habitat likely to support the species (moderate and high potential). Impacts to low quality habitat are expected to have negligible effects to desert tortoise because populations are expected to be trace to low, and these areas are not essential to maintenance of viable populations, therefore, low quality habitat was not included in assessment of impacts or compensation. Table 13 assumes a reduced impact level (effect ratio) for maintenance activities that are not expected to completely remove the habitat, such as bank repair, and those not expected to disrupt soil conditions, such as vegetation management and herbicide vector control. In Table 13, the ratios assumed are 0.5:1 for moderate-quality habitat and 1:1 for high-quality habitat. Under these assumptions, the total compensation required for desert tortoise is estimated at 232.7 acres. The compensatory mitigation ratio of 0.5:1 is considered adequate because many of these areas would only support low densities of desert tortoises, and may have less than ideal habitat (such non-native grass cover or a saltbush scrub community and possible low-level past land disturbances). The compensatory mitigation ratio of 1:1 for high quality habitat is considered adequate because of the implementation of avoidance and minimization measures that would ensure no direct harm to individual tortoises, and that the majority of impacts are long and narrow in distribution, rather than the elimination of large contagious patches. Finally, although the facilities will be regularly maintained for flood control, they are expected to provide some level of suitability to desert tortoise.

It is important to note that habitat that is suitable for desert tortoise can also be suitable for a species such as the Mohave ground squirrel, so this acreage is not exclusive to desert tortoise.

Table 13
Total Proposed Compensation for Effects to Desert Tortoise

Maintenance Activity	Impacts to Desert Tortoise Habitat Qualities					
	Moderate (acres)	*Mitigation Ratio**	*High (acres)*	*Mitigation Ratio**	*Effect Ratio***	*Total Compensation*
Federal maintenance	25.1	0.5	5.0	1	1	17.6
Mechanized land clearing	47.1	0.5	158.9	1	1	182.4
Vegetation management	0.3	0.5	6.3	1	0.25	1.6
Ingress/egress	0.2	0.5	0.4	1	1	0.5
Stockpile	0.1	0.5	25.4	1	1	25.4
Herbicide vector control	5.7	0.5	15.0	1	0.25	4.5
Bank repair	4.7	0.5	0.6	1	0.25	0.7
Total Proposed Compensation						**232.7**

Notes:
* Replacement ratios assumed were 0.5:1 for moderate-quality habitat and 1:1 for high-quality habitat.
** A lower effect ratio (reduced impact level) has been assumed for maintenance activities that are not expected to completely remove the habitat, such as bank repair, and those not expected to disrupt soils conditions, such as vegetation management and herbicide vector control.

6 MOHAVE GROUND SQUIRREL ASSESSMENT

6.1 Species Background

Mohave ground squirrel (*Xerospermophilus mohavensis*) is a state threatened species found in the desert region. Mojave creosote bush scrub is the preferred habitat (Aardahl and Roush 1985, as cited in USFWS 2011b), but it is also found in Mojave mixed woody scrub, desert saltbush scrub, blackbrush scrub, Mojave desert wash scrub, Joshua-tree woodland, and shadescale scrub (Gustafson 1993, BLM 1998, as cited in USFS 2011b). It is typically found on relatively flat topography, often in large alluvial-filled valleys, containing fine to-medium-textured soil with little or no rocks, and with the presence of a variety of native shrubs, including *Larrea tridentata* (creosote bush), *Ambrosia dumosa* (white bursage), and *Atriplex* spp. (saltbush) (Aardahl and Roush 1985, as cited in USFWS 2011b). The species is absent from very rocky areas, lava flows, and dry lakebeds, although juveniles may disperse through such areas (Leitner, pers. comm., as cited in Laabs, Zembal and Gall 1980, as cited in USFWS 2011b).

6.2 Effects Methodology

Historical range, Modeled Habitat, and Species Occurrences

The first step in assessing Mohave ground squirrel habitat is to select portions of the maintenance footprint that occur within the historic range (Leitner 2008). Within this selection, the existing Mohave ground squirrel modeled habitat layer that was developed for the Desert Renewable Energy Conservation Plan (DRECP) was used to determine where Mohave ground squirrel suitable habitat overlaps the maintenance footprint. The Mohave ground squirrel model developed for the DRECP is based on four environmental covariates: surface texture (46.6%), surface albedo (25.4%), mean winter climatic water deficit (16.3%), and precipitation (11.6%) (Inman et al. 2013). Documented occurrences of Mohave ground squirrel were also overlain with the maintenance footprint to identify areas where Mohave ground squirrel has occurred historically within the MSWSMP area. The DRECP database for Mohave ground squirrel occurrences, the latest iteration of the California Natural Diversity Database, Leitner (2008, 2015) occurrences, and the District's biological geodatabase were used for reviewing documented occurrences.

Vegetation Mapping

For areas where maintenance overlaps historical range and modelled Mohave ground squirrel habitat, a potential habitat layer was created by selecting all suitable Mohave ground squirrel vegetation categories from the MSWSMP vegetation community map (Dudek 2016). Vegetation types that were excluded as potential habitat included agriculture (except alfalfa fields adjacent to other natural habitat), concrete channel, deciduous orchard, vineyard, disturbed/developed (including ornamental plantings), dry lake bed, active dunes (North American warm desert dunes

and sand flats), irrigated row and field crops, open water, contiguous riparian forests (bush seepweed scrub alliance, Fremont cottonwood forest alliance, mulefat thickets alliance, red willow thickets alliance, sandbar willow thickets alliance, tamarisk thickets seminatural stands), unvegetated channel, unvegetated wash, urban, and wetland (cattail marshes alliance).

Field Assessment

All proposed maintenance areas that had suitable habitat but were not considered suitable by the Mohave ground squirrel model were field verified by Kathy Simon of Sunrise Consulting to determine if any should be included as potential habitat. In addition, she also assessed facilities with suitable habitat and modelled as suitable. The maintenance areas were field verified by Kathy Simon on the following dates: April 19, 21, 22, May 1, 4, 5, 9, and 13, 2016.

The field assessment classified areas into two categories: likely to support Mohave ground squirrel, and unlikely to support Mohave ground squirrel, which are described below:

- Likely to support Mohave ground squirrel
  - Excellent – Vegetation and soil conditions are present to support Mohave ground squirrel, and there are recent records (less than 20 years) of the Mohave ground squirrel within 5 miles, or the area has not been surveyed.
  - Good – Vegetation and soils are present, with either a recent record of the Mohave ground squirrel within 10 miles or an older record.
- Unlikely to support Mohave ground squirrel
  - Fair – Either vegetation or soils conditions are present but not both. There are no recent records of Mohave ground squirrel within 5 miles.
  - Poor – No suitable vegetation or soils exist on or adjacent to the area, or vegetation or soils do exist, but there are no records of Mohave ground squirrel within 10 miles, or the area is outside of the species' known range.

A full description of the methods used by Ms. Simon is included in her summary letter report (Appendix F).

6.3 Results

The results of the Mohave ground squirrel classification were intersected with the MSWSMP maintenance layer to determine acres of potential impact to suitable Mohave ground squirrel habitat (Appendix G and summarized in Table 14). The full shapefile and associated attribute data can be reviewed within the GIS viewer that has been made available.

Table 14
Acres of Suitable Mohave Ground Squirrel Habitat within Maintenance Activities

Maintenance Activity	Mohave Ground Squirrel Suitability Classification	
	Unlikely to Support (acres)	*Likely to Support (acres)*
Federal maintenance	26.6	7.6
Mechanized land clearing	28.3	14.5
Ingress/egress	21.1	0.3
Stockpile	0.6	0.3
Herbicide vector control	17.6	7.6
Bank repair	0.8	11.5
Total Impacts	**95.0**	**48.8**

6.4 Conclusions

The results in Table 14 show that Mohave ground squirrel impacts will be to 48.9 acres of habitat likely to support the species. Table 15 assumes a reduced impact level (effect ratio) for maintenance activities such as bank repair since these activities are not expected to completely remove the habitat. In Table 15, the ratio assumed was 3:1 for habitat likely to support Mohave ground squirrel. The total compensation required for Mohave ground squirrel is estimated at 107.9 acres. It is important to note that habitat that is suitable for Mohave ground squirrel can also be suitable for a species like desert tortoise, so this acreage is not exclusive to just Mohave ground squirrel.

Table 15
Proposed Compensation for Effects to Mohave Ground Squirrel

Maintenance Activity	Impacts to Habitat Likely to Support Mohave Ground Squirrel			
	Likely to Support (acres)	*Mitigation Ratio**	*Effect Ratio***	*Total*
Federal maintenance	7.6	3	1	22.6
Mechanized land clearing	14.5	3	1	43.5
Ingress/egress	0.3	3	1	0.9
Stockpile	0.3	3	1	0.8
Herbicide vector control	7.6	3	1	22.8
Bank repair	11.5	3	0.5	17.3
			Total Proposed Compensation	**107.9**

Notes:
* Replacement ratios assumed were 3:1 for habitat likely to support Mohave ground squirrel.
** A lower effect ratio (reduced impact level) has been assumed for maintenance activities that are not expected to completely remove the habitat, such as bank repair.

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7 DELHI SANDS FLOWER-LOVING FLY ASSESSMENT

7.1 Species Background

There are several District facilities (and associated channels) that have mapped Delhi sands. Within the Ontario recovery unit are Declez Basin; Riverside Basin (Delhi sands mapped immediately adjacent); Wineville Basin; Chris Basin; Ely Basins 1, 2, and 3; Grove Avenue Basin; and Lower Cucamonga Spreading Grounds. The facilities that occur in the Ontario recovery unit may not support Delhi sands flower-loving fly since habitat conditions have changed since the 1990s (when the most recent occurrences were recorded), such that they preclude long-term conservation goals (USFWS 2008). District facilities within the Jurupa recovery unit include Declez Channel. District facilities within the Colton recovery unit include Randall Basin, Mill Basin, Pepper Basin, and Rialto Channel. Delhi sands flower-loving fly occurrences were recorded in the vicinity of Randall Basin in 2013. A biological opinion (USFWS 2005) was prepared for an infrastructure project at Randall Basin that required the District to set aside 4.25 acres of land at Randall Basin to compensate for impacts.

7.2 Effects Methodology

For areas where maintenance overlaps mapped Delhi sands, the effect methodology for Delhi sands flower-loving fly was implemented. A Delhi sands flower-loving fly habitat assessment report was prepared for the District in 2008 (MBA and PBS&J 2008). A desktop aerial analysis was performed to confirm that the 2008 mapping remains the existing condition. Where the aerial analysis suggested a land use change, and/or there are areas of Delhi sands that overlap the maintenance footprint that have not been mapped for suitability to Delhi sands flower-loving fly, follow-up field mapping was completed by permitted Delhi sands flower-loving fly biologist, Dale Ritenouron June 20 and 26, 2016.

A habitat suitability classification system for Delhi sands flower-loving fly developed by Ken Osborne and Greg Ballmer in 2003 (Osborne 2006) is based on two main factors: (1) the presence and abundance of loose, unconsolidated Delhi sands with low organic contamination; and (2) the degree of habitat disturbance, indicated by plant species composition and disposition of soils surface, with less-disturbed habitat dominated by California croton (*Croton californicus*), telegraphweed (*Heterotheca grandiflora*), Eastern Mojave buckwheat, and Thurber's buckwheat (*Eriogonum thurberi*). Overall, the dominant plant species or vegetation communities are not likely directly relevant to flower-loving fly larval development due to the likely predatory or parasitic habit of Delhi sands flower-loving fly larvae; instead, they are used as an indicator of overall disturbance. The following five general habitat suitability categories and ranks were developed by Osborne and Ballmer:

1. **Not Suitable**. Includes developed areas, non-Delhi sands soils with high clay, silt, and/or gravel content, and areas extensively and deeply covered by dumping of exotic soils, rubble, trash, or organic debris.

2. **Very low quality**. Delhi sands are present but the soil characteristics include a predominance of exotic soils, such as alluvial materials, or a predominance of other foreign contamination. Severe and frequent disturbance.
3. **Low quality**. Delhi sands with a moderately degree of contamination, with moderate to high disturbance (such as annual disking). Sufficient Delhi sands are present to prevent soil compaction (related to contamination by foreign soils). Some sandy soils are exposed on the surface due to fossorial (burrowing) animal activity.
4. **Moderate quality**. Abundant, clean Delhi sands with little or no foreign soils (such as alluvial material) are present. Moderate abundance of exposed sands on the soil surface and low vegetative cover. Evidence of a moderate degree of fossorial animal activity by vertebrates and invertebrates. Moderate disturbance regime.
5. **High quality**. Sand dune habitat with clean Delhi sands. High abundance of exposed sands on the soil surface and low vegetative cover. Evidence of high degree of fossorial animal activity by vertebrates and invertebrates, with soils soft and surface often collapsing underfoot. Sand-associated plant and arthropod species may be abundant.

Typically, these habitat qualities vary spatially within a site so that conditions on a site fall within a range of categories. In addition, overall habitat quality is affected by the size of the habitat surrounding a site; for instance, a very small area would diminish the overall habitat value of a site.

Under this classification system, soils ranked in category 1 or 2 are not considered suitable for flower-loving fly occupation. Soils ranked in category 3 are considered restorable for flower-loving fly. Soils ranked as 4 or 5 are considered suitable for flower-loving fly.

7.3 Results

The results of the Delhi sands flower-loving fly classification were intersected with the MSWSMP maintenance layer to determine acres of potential impact to suitable Delhi sands flower-loving fly habitat (Appendix H and summarized in Table 16). The full shapefile and associated attribute data can be reviewed within the GIS viewer that has been made available.

Table 16
Acres of Suitable Delhi Sands Flower-Loving Fly Habitat within Maintenance Activities

Maintenance Activity	Delhi Sands Flower-Loving Fly Suitability Classification			
	Not Suitable/ Very Low Quality: Rank 1,2 (acres)	*Low Quality: Rank 3 (acres)*	*Moderate Quality: Rank 4 (acres)*	*High Quality: Rank 5 (acres)*
Federal maintenance	63.5	0.0	0.0	0.0
Mechanized land clearing	192.4	0.0	0.0	0.0
Vegetation management	34.0	0.0	0.0	0.0
Ingress/egress	2.1	0.0	0.0	0.0
Stockpile	1.8	0.0	0.0	0.0
Herbicide vector control	75.5	2.0	0.9	0.0
Bank repair	1.2	0.0	0.0	0.0
Total Impacts	**370.5**	**2.0**	**0.9**	**0.0**

7.4 Conclusions

The results in Table 16 show that Delhi sands flower-loving fly impacts will be to 2.0 acres of low-quality habitat and 0.9 acre of moderate-quality habitat. In Table 17, the ratios assumed were 1:1 for low-quality habitat and 2:1 for moderate-quality habitat. A lower effect ratio (reduced impact level) has been assumed for maintenance activities, such as herbicide vector control, that are not expected to impact the condition of the soils. Under this set of assumptions, the total compensation required for Delhi sands flower-loving fly is estimated at 1.0 acre.

Table 17
Total Proposed Compensation for Effects to Delhi Sands Flower-Loving Fly

Maintenance Activity	Impacts to Delhi Sands Flower-Loving Fly Habitat Qualities					
	Low (acres)	*Mitigation ratio**	*Moderate (acres)*	*Mitigation ratio **	*Effect ratio***	*Total Compensation (acres)*
Herbicide vector control	2.0	1.0	0.9	2	0.25	1.0
					Total Proposed Compensation	**1.0**

Notes:
* Replacement ratios assumed were 1:1 for low-quality habitat and 2:1 for moderate-quality habitat.
** A lower effect ratio (reduced impact level) has been assumed for maintenance activities that are not expected to impact the condition of the soils.

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APPENDIX A

Coastal California Gnatcatcher
Classification Results

Name	Redbook_In	Zone	EMD_Op	SuitHab	Connectedness	PatchSize	Occurrence	Notes	Potential	Acres
San Antonio Heights Basin #1 (Frankish), COE	1-313-4A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat	Moderate	1.28
San Antonio Heights Basin #1 (Frankish), COE	1-313-4A	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat	Moderate	0.05
San Antonio Heights Basin #1 (Frankish), COE	1-313-4A	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat	Moderate	0.11
San Antonio Heights Basin #1 (Frankish), COE	1-313-4A	1	Vegetation Management	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat	Moderate	0.38
San Antonio Heights Basin #1 (Frankish), COE	1-313-4A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat	Moderate	0.01
San Antonio Heights Basin #4 (Gray), COE	1-313-4G	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.13
San Antonio Heights Basin #4 (Gray), COE	1-313-4G	1	Ingress / Egress	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.00
San Antonio Heights Basin #4 (Gray), COE	1-313-4G	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.15
San Antonio Heights Basin #4 (Gray), COE	1-313-4G	1	Vegetation Management	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	1.15
San Antonio Heights Intercept, COE	1-313-1A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some slivers and non-sage scrub habitat	Moderate	0.10
San Antonio Heights Intercept, COE	1-313-1A	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	some slivers and non-sage scrub habitat	Moderate	0.21
San Antonio Heights Intercept, COE	1-313-1A	1	Ingress / Egress	Yes	good	>8.4 acres	No	some slivers and non-sage scrub habitat	Moderate	0.05
San Antonio Heights Intercept, COE	1-313-1A	1	Vegetation Management	Yes	good	>8.4 acres	No	some slivers and non-sage scrub habitat	Moderate	0.43
San Antonio Heights Intercept, COE	1-313-1A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some slivers and non-sage scrub habitat	Moderate	0.00
San Antonio Heights Intercept, COE	1-313-1A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some slivers and non-sage scrub habitat	Moderate	0.00
San Antonio Heights Basin #5 (Marble), COE	1-313-4B	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.13
San Antonio Heights Basin #5 (Marble), COE	1-313-4B	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.24
San Antonio Heights Basin #5 (Marble), COE	1-313-4B	1	Stock Pile Locations	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.14
San Antonio Heights Basin #5 (Marble), COE	1-313-4B	1	Vegetation Management	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.70
San Antonio Heights Basin #5 (Marble), COE	1-313-4B	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.01
Almond Intercept Channel	1-315-1A	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat-existing access road	Low	0.21
Almond Intercept Channel	1-315-1A	1	Ingress / Egress	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat-existing access road	Low	0.02
Almond Intercept Channel	1-315-1A	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat-existing access road	Low	0.03
Demens Basin #2	1-402-4B	1	Herbicide Vector Control	Yes	poor	<8.4 acres	No	some disturbed sage scrub habitat	None	0.08
Demens Basin #2	1-402-4B	1	Mechanized Land Clearing	Yes	poor	<8.4 acres	No	some disturbed sage scrub habitat	None	0.03
Demens Basin #2	1-402-4B	1	Vegetation Management	Yes	poor	<8.4 acres	No	some disturbed sage scrub habitat	None	1.34
Demens Basin #1, COE (DSOD)	1-402-3A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	2.65
Demens Basin #1, COE (DSOD)	1-402-3A	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.01
Demens Basin #1, COE (DSOD)	1-402-3A	1	Ingress / Egress	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.03
Demens Basin #1, COE (DSOD)	1-402-3A	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.62
Demens Basin #1, COE (DSOD)	1-402-3A	1	Vegetation Management	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	4.34
Hillside Channel, COE	1-552-1A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub; some occurs as a long linear strip	Low	0.95
Hillside Channel, COE	1-552-1A	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub; some occurs as a long linear strip	Low	0.05
Hillside Channel, COE	1-552-1A	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub; some occurs as a long linear strip	Low	0.00
Hillside Channel, COE	1-552-1A	1	Vegetation Management	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub; some occurs as a long linear strip	Low	2.52
Hillside Channel, COE	1-552-1A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub; some occurs as a long linear strip	Low	0.02
Hillside Basin, COE	1-552-4A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub habitat present	Moderate	3.22
Hillside Basin, COE	1-552-4A	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub habitat present	Moderate	1.51
Hillside Basin, COE	1-552-4A	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub habitat present	Moderate	0.08
Hillside Basin, COE	1-552-4A	1	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub habitat present	Moderate	0.11
Hillside Basin, COE	1-552-4A	1	Stock Pile Locations	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub habitat present	Moderate	1.43
Hillside Basin, COE	1-552-4A	1	Vegetation Management	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub habitat present	Moderate	1.89
Day Creek Sprdg. Basin #2	1-614-4B	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.20
Day Creek Sprdg. Basin #2	1-614-4B	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.00
Day Creek Sprdg. Basin #2	1-614-4B	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.00
Day Creek Sprdg. Basin #2	1-614-4B	1	Stock Pile Locations	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.15
Day Creek Sprdg. Basin #2	1-614-4B	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.00
Day Creek Sprdg. Basin #2	1-614-4B	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.00
Hawker-Crawford Channel	1-806-1A	1	Bank Repair	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.19
Hawker-Crawford Channel	1-806-1A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.68
Hawker-Crawford Channel	1-806-1A	1	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	3.03
Hawker-Crawford Channel	1-806-1A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.04
Rich Basin	1-807-4A	1	Herbicide Vector Control	Yes	Poor	>8.4 aacres	No		Low	0.00
Rich Basin	1-807-4A	1	Vegetation Management	Yes	Poor	>8.4 aacres	No		Low	2.97
San Sevaine Channel	1-801-1D	1	Herbicide Vector Control	Yes	Poor	<8.4 acres	No		None	0.05
San Sevaine Channel	1-801-1D	1	Ingress / Egress	Yes	Poor	<8.4 acres	No		None	0.02
San Sevaine Channel	1-801-1D	1	Vegetation Management	Yes	Poor	<8.4 acres	No		None	2.74
Victorian Basin	1-703-4A	1	Bank Repair	Yes	Poor	<8.4 acres	No		None	0.00
Victorian Basin	1-703-4A	1	Herbicide Vector Control	Yes	Poor	<8.4 acres	No		None	0.19
Victorian Basin	1-703-4A	1	Mechanized Land Clearing	Yes	Poor	<8.4 acres	No		None	0.49
Victorian Basin	1-703-4A	1	Vegetation Management	Yes	Poor	<8.4 acres	No		None	7.50
Henderson Channel (Wardman Channel)	1-808-1C	1	Herbicide Vector Control	No				existing access road	None	0.01
Henderson Channel (Wardman Channel)	1-808-1C	1	Ingress / Egress	No				existing access road	None	0.01
Henderson Channel	1-808-1B	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	1.62
Henderson Channel	1-808-1B	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	0.88
Henderson Channel	1-808-1B	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	1.02
Henderson Channel	1-808-1B	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	1.12
San Sevaine Sprdg Grnds - West Levee	1-802-5B	1	Bank Repair	Yes	Good	>8.4 aacres	No		Moderate	0.83
San Sevaine Sprdg Grnds - West Levee	1-802-5B	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No		Moderate	0.30

San Sevaine Sprdg Grnds - West Levee	1-802-5B	1	Ingress / Egress	Yes	Good	>8.4 aacres	No		Moderate	0.00
San Sevaine Sprdg Grnds - West Levee	1-802-5B	1	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No		Moderate	3.89
Etiwanda Debris Basin (Etiwanda Creek Dam)	1-707-3A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some non-sage scrub	Moderate	7.74
Etiwanda Debris Basin (Etiwanda Creek Dam)	1-707-3A	1	Vegetation Management	Yes	Good	>8.4 aacres	No	some non-sage scrub	Moderate	1.45
Etiwanda Debris Basin (Etiwanda Creek Dam)	1-707-3A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some non-sage scrub	Moderate	0.25
Santa Ana River	3-101-1B	3	Bank Repair	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	3.51
Santa Ana River	3-101-1B	3	Herbicide Vector Control	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	1.01
Santa Ana River	3-101-1B	3	Ingress / Egress	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.25
Santa Ana River	3-101-1B	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	1.96
Mill Creek Levee, COE	3-802-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	8.03
Mill Creek Levee, COE	3-802-5A	3	Herbicide Vector Control	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	0.00
Mill Creek Levee, COE	3-802-5A	3	Vegetation Management	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	0.06
Mill Creek Levee, COE	3-802-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	0.00
Mill Creek Levee, COE	3-802-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	0.10
Mill Creek Levee, COE	3-802-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	0.00
Mill Creek Levee, COE	3-802-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	0.04
Mill Creek	3-801-1D	3	Bank Repair	Yes	Good	>8.4 acres	Yes	predominantely very sparse alluvial sage scrub and non-sage scrub	Low	2.12
Mill Creek	3-801-1D	3	Herbicide Vector Control	Yes	Good	>8.4 acres	Yes	some very sparse alluvial sage scrub and non-sage scrub	High	1.05
Mill Creek	3-801-1D	3	Ingress / Egress	Yes	Good	>8.4 acres	Yes	predominantely very sparse alluvial sage scrub and non-sage scrub	Low	1.07
Mill Creek	3-801-1D	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	Yes	predominantely very sparse alluvial sage scrub and non-sage scrub	Low	15.02
Mill Creek Levee, COE	3-802-5B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	1.79
Mill Creek Levee, COE	3-802-5B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes		High	1.50
Mill Creek Levee, COE	3-802-5B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes		High	0.75
Santa Ana River	3-101-1E	3	Bank Repair	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	1.18
Santa Ana River	3-101-1E	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	3.22
Santa Ana River	3-101-1E	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	10.49
Santa Ana River	3-101-1E	3	Vegetation Management	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	1.05
Small Canyon Diversion Channel	3-303-1A	3	Bank Repair	Yes	Good	>8.4 acres	No		Moderate	0.04
Santa Ana River	3-101-1D	3	Bank Repair	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	3.53
Santa Ana River	3-101-1D	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.04
Santa Ana River	3-101-1D	3	Ingress / Egress	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.02
Santa Ana River	3-101-1D	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	10.72
Santa Ana River	3-101-1D	3	Vegetation Management	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.85
Oak Creek	3-204-1B	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantely disturbed sage scrub (some alluvial)	Low	0.02
Oak Creek	3-204-1B	3	Ingress / Egress	Yes	Good	>8.4 acres	No	predominantely disturbed sage scrub (some alluvial)	Low	0.00
Oak Creek	3-204-1B	3	Stock Pile Locations	Yes	Good	>8.4 acres	No	predominantely disturbed sage scrub (some alluvial)	Low	0.12
Santa Ana River	3-101-1C	3	Bank Repair	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	1.60
Santa Ana River	3-101-1C	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.33
Santa Ana River	3-101-1C	3	Ingress / Egress	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.14
Santa Ana River	3-101-1C	3	Vegetation Management	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.45
Plunge Creek	3-201-1B	3	Bank Repair	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	2.38
Plunge Creek	3-201-1B	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.08
Plunge Creek	3-201-1B	3	Ingress / Egress	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.00
Plunge Creek	3-201-1B	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.17
Plunge Creek	3-201-1B	3	Stock Pile Locations	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.00
Plunge Creek	3-201-1B	3	Bank Repair	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.00
Elder Creek Basin	3-205-4A	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	0.00
Elder Creek Basin	3-205-4A	3	Ingress / Egress	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	0.00
Elder Creek Basin	3-205-4A	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	0.18
Elder Creek Basin	3-205-4A	3	Vegetation Management	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	0.10
Cook Canyon Basin	3-305-4A	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	sliver of habitat	Moderate	0.01
Cook Canyon Basin	3-305-4A	3	Ingress / Egress	Yes	Good	>8.4 acres	No	sliver of habitat	Moderate	0.00
City Creek	3-301-1B	3	Bank Repair	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.00

City Creek	3-301-1B	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.38
City Creek	3-301-1B	3	Ingress / Egress	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.01
City Creek	3-301-1C	3	Bank Repair	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	1.95
City Creek	3-301-1C	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	7.85
City Creek	3-301-1C	3	Ingress / Egress	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	1.77
City Creek	3-301-1C	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	6.32
City Creek	3-301-1C	3	Vegetation Management	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	7.17
Deer Creek Channel, COE	1-501-1B	1	Herbicide Vector Control	No				existing access roads	None	0.64
Deer Creek Channel, COE	1-501-1B	1	Ingress / Egress	No				existing access roads	None	0.16
Demens Creek Channel	1-401-1A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	1.05
Demens Creek Channel	1-401-1A	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	1.48
Demens Creek Channel	1-401-1A	1	Ingress / Egress	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.03
Demens Creek Channel	1-401-1A	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	4.96
Demens Creek Channel	1-401-1A	1	Stock Pile Locations	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	2.09
Demens Creek Channel	1-401-1A	1	Vegetation Management	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	1.40
Alta Loma Storm Drain	1-405-6A	1	Herbicide Vector Control	No				occurs on existing access road	None	0.02
Alta Loma Basin #3	1-406-4C	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	sliver	Low	0.00
Santa Ana River (Incl. COE)	3-101-1F	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	6.55
Santa Ana River (Incl. COE)	3-101-1F	3	Vegetation Management	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.06
San Timoteo Creek	3-401-1D	3	Mechanized Land Clearing	No				concrete-lined channel	None	0.15
Elder Creek	3-205-1C	3	Bank Repair	Yes	Good	>8.4 acres	No	predominantely sparse alluvial sage scrub and non-sage scrub	Low	0.21
Elder Creek	3-205-1C	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantely sparse alluvial sage scrub and non-sage scrub	Low	0.00
Elder Creek	3-205-1C	3	Ingress / Egress	Yes	Good	>8.4 acres	No	predominantely sparse alluvial sage scrub and non-sage scrub	Low	0.00
Elder Creek	3-205-1C	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantely sparse alluvial sage scrub and non-sage scrub	Low	0.21
Elder Creek	3-205-1C	3	Stock Pile Locations	Yes	Good	>8.4 acres	No	predominantely sparse alluvial sage scrub and non-sage scrub	Low	0.00
Etiwanda Creek Channel	1-701-1D	1	Herbicide Vector Control	Yes	Poor	<8.4 acres	No		None	0.01
Etiwanda Creek Channel	1-701-1D	1	Ingress / Egress	Yes	Poor	<8.4 acres	No		None	0.00
San Sevaine Channel	1-801-1J	1	Fed Maintenance Layer	Yes	Poor	<8.4 acres	No		None	0.03
San Sevaine Channel	1-801-1J	1	Herbicide Vector Control	Yes	Poor	<8.4 acres	No		None	0.01
San Sevaine Channel	1-801-1I	1	Fed Maintenance Layer	Yes	Poor	<8.4 acres	No		None	0.05
San Sevaine Channel	1-801-1I	1	Herbicide Vector Control	Yes	Poor	<8.4 acres	No		None	0.07
San Sevaine Channel	1-801-1I	1	Ingress / Egress	Yes	Poor	<8.4 acres	No		None	0.00
San Sevaine Channel	1-801-1I	1	Mechanized Land Clearing	Yes	Poor	<8.4 acres	No		None	0.00
San Sevaine Channel	1-801-1I	1	Fed Maintenance Layer	Yes	Poor	<8.4 acres	No		None	0.01
Etiwanda Creek Channel	1-701-1D	1	Fed Maintenance Layer	Yes	Poor	<8.4 acres	No		None	0.01
Etiwanda Creek Channel	1-701-1D	1	Herbicide Vector Control	Yes	Poor	<8.4 acres	No		None	0.46
Etiwanda Creek Channel	1-701-1D	1	Ingress / Egress	Yes	Poor	<8.4 acres	No		None	0.00
Etiwanda Creek Channel	1-701-1D	1	Vegetation Management	Yes	Poor	<8.4 acres	No		None	0.70
Etiwanda Creek Channel	1-701-1D	1	Fed Maintenance Layer	Yes	Poor	<8.4 acres	No		None	0.01
San Antonio Basin #2	1-105-4B	1	Herbicide Vector Control	No				sliver	None	0.01
San Antonio Basin #2	1-105-4B	1	Mechanized Land Clearing	No				sliver	None	0.00
24th Street Storm Drain	1-705-6A	1	Ingress / Egress	Yes	Good	>8.4 aacres	No		Moderate	0.00
24th Street Storm Drain	1-705-6A	1	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No		Moderate	0.01
24th Street Storm Drain	1-705-6A	1	Vegetation Management	Yes	Good	>8.4 aacres	No		Moderate	0.10
Day Creek	1-601-1C	1	Herbicide Vector Control	No				existing access road	None	0.50
Etiwanda Sprdg Grnds	1-702-2A	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No		Moderate	0.01
Etiwanda Sprdg Grnds	1-702-2A	1	Ingress / Egress	Yes	Good	>8.4 aacres	No		Moderate	0.02
Etiwanda Sprdg Grnds	1-702-2A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	0.01
Etiwanda Sprdg Grnds	1-702-2A	1	Vegetation Management	Yes	Good	>8.4 aacres	No		Moderate	0.34
San Sevaine Sprdg Grnds - West Levee	1-802-5C	1	Bank Repair	Yes	Good	>8.4 aacres	No		Moderate	0.80
San Sevaine Sprdg Grnds - West Levee	1-802-5C	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No		Moderate	0.01
San Sevaine Sprdg Grnds - West Levee	1-802-5C	1	Ingress / Egress	Yes	Good	>8.4 aacres	No		Moderate	0.00
Etiwanda Sprdg Grnds	1-702-2A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	4.13
Etiwanda Sprdg Grnds	1-702-2A	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No		Moderate	0.00
Etiwanda Sprdg Grnds	1-702-2A	1	Vegetation Management	Yes	Good	>8.4 aacres	No		Moderate	0.07
Etiwanda Sprdg Grnds	1-702-2A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	1.01
Etiwanda Sprdg Grnds	1-702-2A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	0.61
Etiwanda Creek Channel	1-701-1C	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.00
Etiwanda Creek Channel	1-701-1C	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.00
San Sevaine Basin #5 (DSOD)	1-802-3E	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub	Moderate	0.18
San Sevaine Basin #5 (DSOD)	1-802-3E	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub	Moderate	2.45
San Sevaine Basin #5 (DSOD)	1-802-3E	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub	Moderate	0.02
San Sevaine Basin #5 (DSOD)	1-802-3E	1	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub	Moderate	0.14
San Sevaine Basin #5 (DSOD)	1-802-3E	1	Vegetation Management	Yes	Good	>8.4 aacres	No	some disturbed and non-sage scrub	Moderate	50.10
San Sevaine Basin #3	1-802-4C	1	Fed Maintenance Layer	Yes	Good	<8.4 aacres	No		None	0.22
San Sevaine Basin #3	1-802-4C	1	Herbicide Vector Control	Yes	Good	<8.4 aacres	No		None	0.16
San Sevaine Basin #3	1-802-4C	1	Ingress / Egress	Yes	Good	<8.4 aacres	No		None	0.01
San Sevaine Basin #3	1-802-4C	1	Mechanized Land Clearing	Yes	Good	<8.4 aacres	No		None	0.21
San Sevaine Basin #1	1-802-4A	1	Herbicide Vector Control	No					None	0.08
San Sevaine Basin #1	1-802-4A	1	Ingress / Egress	No					None	0.01
San Sevaine Basin #1	1-802-4A	1	Mechanized Land Clearing	No					None	0.05
San Sevaine Basin #2	1-802-4B	1	Fed Maintenance Layer	Yes	Good	<8.4 aacres	No		None	0.28
San Sevaine Basin #2	1-802-4B	1	Herbicide Vector Control	Yes	Good	<8.4 aacres	No		None	0.08
San Sevaine Basin #2	1-802-4B	1	Mechanized Land Clearing	Yes	Good	<8.4 aacres	No		None	0.47
San Sevaine Basin #4	1-802-4D	1	Fed Maintenance Layer	Yes	Good	<8.4 aacres	No		None	0.00
San Sevaine Basin #4	1-802-4D	1	Herbicide Vector Control	Yes	Good	<8.4 aacres	No		None	0.02
San Sevaine Basin #4	1-802-4D	1	Vegetation Management	Yes	Good	<8.4 aacres	No		None	0.71
Etiwanda Creek Channel	1-701-1C	1	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.46

San Sevaine Sprdg Grnds - East Levee	1-802-5D	1	Bank Repair	No				existing rip-rap	None	0.93
San Sevaine Sprdg Grnds - East Levee	1-802-5D	1	Vegetation Management	No				existing rip-rap	None	0.12
San Sevaine Sprdg Grnds	1-802-2A	1	Bank Repair	Yes	Good	>8.4 aacres	No	primarily disturbed and non-sage scrub	Low	0.01
San Sevaine Sprdg Grnds	1-802-2A	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily disturbed and non-sage scrub	Low	1.36
San Sevaine Sprdg Grnds	1-802-2A	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily disturbed and non-sage scrub	Low	0.01
City Creek Levee - West Bank	3-301-5B	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No		Low	0.02
City Creek Levee - West Bank	3-301-5B	3	Vegetation Management	Yes	Good	<8.4 acres	No		Low	0.26
City Creek Levee - East Bank (COE)	3-301-5C	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No		Low	0.21
City Creek Levee - East Bank (COE)	3-301-5C	3	Herbicide Vector Control	Yes	Good	<8.4 acres	No		Low	0.05
City Creek Levee - East Bank (COE)	3-301-5C	3	Vegetation Management	Yes	Good	<8.4 acres	No		Low	0.09
City Creek Levee - West Bank (COE)	3-301-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	predominantely disturbed sage scrub (some alluvial)	Low	1.80
City Creek Levee - West Bank (COE)	3-301-5A	3	Vegetation Management	Yes	Good	<8.4 acres	No	predominantely disturbed sage scrub (some alluvial)	Low	0.48
City Creek Levee, COE	2-601-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub; partially overlaps previously disturbed Inland Feeder ROW	Moderate	1.40
City Creek Levee, COE	2-601-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub; partially overlaps previously disturbed Inland Feeder ROW	Moderate	6.85
City Creek Levee, COE	2-601-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	1.99
City Creek Levee, COE	2-601-5B	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.00
City Creek Levee, COE	2-601-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.01
City Creek Levee, COE	2-601-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.08
City Creek Channel	2-601-1A	2	Bank Repair	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	2.58
City Creek Channel	2-601-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	6.86
City Creek Channel	2-601-1A	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.02
City Creek Channel	2-601-1A	2	Ingress / Egress	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.00
City Creek Channel	2-601-1A	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	15.90
City Creek Channel	2-603-1A	2	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	very sparse sage scrub	Low	0.02
City Creek Channel	2-603-1A	2	Herbicide Vector Control	Yes	Good	<8.4 acres	No	very sparse sage scrub	Low	0.04
City Creek Channel	2-603-1A	2	Mechanized Land Clearing	Yes	Good	<8.4 acres	No	very sparse sage scrub	Low	0.01
City Creek Channel	2-603-1A	2	Vegetation Management	Yes	Good	<8.4 acres	No	very sparse sage scrub	Low	2.11
Day Creek Dam (DSOD)	1-608-3A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily disturbed sage scrub	Low	0.04
Day Creek Dam (DSOD)	1-608-3A	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily disturbed sage scrub	Low	0.08
Day Creek Dam (DSOD)	1-608-3A	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily disturbed sage scrub	Low	0.01
Day Creek Dam (DSOD)	1-608-3A	1	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily disturbed sage scrub	Low	0.59
Day Creek Sprdg Grnds	1-602-2A	1	Stock Pile Locations	Yes	Good	>8.4 aacres	No	primarily existing access road	Low	0.01
Day Creek Channel	1-601-1B	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily existig access road	Low	0.10
Day Creek Channel	1-601-1B	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily existig access road	Low	0.15
Day Creek Channel	1-601-1B	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily existig access road	Low	0.01
San Antonio Heights Basin #2 (Meryl), COE	1-313-4F	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.01
San Antonio Heights Basin #2 (Meryl), COE	1-313-4F	1	Vegetation Management	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.14
San Antonio Heights Basin #3 (Cherbak), COE	1-313-4E	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.61
San Antonio Heights Basin #3 (Cherbak), COE	1-313-4E	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.07
San Antonio Heights Basin #3 (Cherbak), COE	1-313-4E	1	Vegetation Management	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.34
San Antonio Heights #6, COE	1-313-4H	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.01
San Antonio Heights #6, COE	1-313-4H	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.01
San Antonio Heights #6, COE	1-313-4H	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.01
San Antonio Heights #6, COE	1-313-4H	1	Vegetation Management	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.23
San Antonio Heights #6, COE	1-313-4H	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat	Low	0.04
Demens Basin Channel	1-402-1A	1	Bank Repair	Yes	poor	<8.4 acres	No	primarily disturbed and non-sage scrub habitat	None	0.02
Demens Basin Channel	1-402-1A	1	Vegetation Management	Yes	poor	<8.4 acres	No	primarily disturbed and non-sage scrub habitat	None	0.50
Santa Ana River	3-101-1B	3	Bank Repair	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	1.55
Santa Ana River	3-101-1B	3	Herbicide Vector Control	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.10
Santa Ana River	3-101-1B	3	Ingress / Egress	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.00
Santa Ana River	3-101-1B	3	Bank Repair	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.17
Santa Ana River	3-101-1B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	7.41
Santa Ana River	3-101-1B	3	Herbicide Vector Control	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.18
Santa Ana River	3-101-1B	3	Ingress / Egress	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.01
Santa Ana River	3-101-1B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.79
Santa Ana River	3-101-1B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.09
Santa Ana River	3-101-1B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.53
Santa Ana River	3-101-1B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.00

Mill Creek	3-801-1C	3	Mechanized Land Clearing	Yes	Good	<8.4 acres	No	predominantely very sparse alluvial sage scrub and non-sage scrub	None	0.59
Santa Ana River	3-101-1B	3	Herbicide Vector Control	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.15
Santa Ana River	3-101-1B	3	Ingress / Egress	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.08
Santa Ana River	3-101-1B	3	Vegetation Management	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	0.00
Santa Ana River	3-101-1C	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.00
Santa Ana River	3-101-1C	3	Ingress / Egress	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.03
Santa Ana River	3-101-1C	3	Vegetation Management	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.03
Santa Ana River (Incl. COE)	2-701-1A	2	Bank Repair	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	5.53
Santa Ana River (Incl. COE)	2-701-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	1.18
Santa Ana River (Incl. COE)	2-701-1A	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	1.34
Santa Ana River (Incl. COE)	2-701-1A	2	Ingress / Egress	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	0.07
Santa Ana River (Incl. COE)	2-701-1A	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	34.69
Santa Ana River (Incl. COE)	2-701-1A	2	Stock Pile Locations	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	0.01
Santa Ana River (Incl. COE)	2-701-1A	2	Vegetation Management	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	2.29
Oak Creek Basin	3-204-4A	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantely disturbed sage scrub and non-sage scrub	Low	0.01
Oak Creek Basin	3-204-4A	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantely disturbed sage scrub and non-sage scrub	Low	0.00
Plunge Creek	3-201-1B	3	Bank Repair	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.13
Plunge Creek	3-201-1B	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	some sparse alluvial sage scrub and non-sage scrub	Moderate	0.00
Plunge Creek Spreading Grounds	3-202-2A	3	Bank Repair	Yes	Good	>8.4 acres	No	predominantely sparse alluvial sage scrub and previously disturbed areas	Low	0.00
Plunge Creek Spreading Grounds	3-202-2A	3	Bank Repair	Yes	Good	>8.4 acres	No	predominantely sparse alluvial sage scrub and previously disturbed areas	Low	1.06
Plunge Creek Spreading Grounds	3-202-2A	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantely sparse alluvial sage scrub and previously disturbed areas	Low	7.64
Plunge Creek Spreading Grounds	3-202-2A	3	Vegetation Management	Yes	Good	>8.4 acres	No	predominantely sparse alluvial sage scrub and previously disturbed areas	Low	5.15
Plunge Creek	3-201-1C	3	Bank Repair	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.67
Plunge Creek	3-201-1C	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.65
Plunge Creek	3-201-1C	3	Ingress / Egress	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.01
Plunge Creek	3-201-1C	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.05
San Timoteo Sediment Basin #3, COE	3-401-4C	3	Herbicide Vector Control	No				unvegetated basin	None	0.00
San Timoteo Sediment Basin #3, COE	3-401-4C	3	Ingress / Egress	No				unvegetated basin	None	0.00
San Timoteo Sediment Basin #3, COE	3-401-4C	3	Mechanized Land Clearing	No				unvegetated basin	None	0.97
San Timoteo Sediment Basin #5, COE	3-401-4E	3	Mechanized Land Clearing	No				unvegetated basin	None	0.08
Small Canyon Dam (DSOD)	3-302-3A	3	Bank Repair	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	0.10
Small Canyon Dam (DSOD)	3-302-3A	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	0.23
Small Canyon Dam (DSOD)	3-302-3A	3	Ingress / Egress	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	0.02
Small Canyon Dam (DSOD)	3-302-3A	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	0.04
Small Canyon Dam (DSOD)	3-302-3A	3	Vegetation Management	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	0.08
Upper Devore Levee, COE	2-208-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No		Moderate	0.38
Upper Devore Levee, COE	2-208-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No		Moderate	0.78
Upper Devore Levee, COE	2-208-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No		Moderate	4.16
Cajon Creek Wash	2-201-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	1.79
Cajon Creek Wash	2-201-1B	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	0.27
Cajon Creek Wash	2-201-1B	2	Ingress / Egress	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	0.00
Cajon Creek Wash	2-201-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	0.88
Cajon Creek Wash	2-201-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	14.56
Muscoy Groin #1, COE	2-209-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band of habitat; some non-sage scrub	Low	0.34
Muscoy Groin #1, COE	2-209-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band of habitat; some non-sage scrub	Low	0.02
Muscoy Groin #1, COE	2-209-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band of habitat; some non-sage scrub	Low	0.09
Muscoy Groin #1, COE	2-209-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band of habitat; some non-sage scrub	Low	0.35
Cactus Basin #1	2-104-4A	2	Mechanized Land Clearing	Yes	Poor	<8.4 aacres	No	disturbed sage scrub	None	0.04
Cactus Basin #1	2-104-4A	2	Vegetation Management	Yes	Poor	<8.4 aacres	No	disturbed sage scrub	None	0.34
Rialto Channel	2-120-1C	2	Herbicide Vector Control	Yes	Poor	<8.4 aacres	No	disturbed sage scrub	None	0.01
Rialto Channel	2-120-1C	2	Ingress / Egress	Yes	Poor	<8.4 aacres	No	disturbed sage scrub	None	0.00
Rialto Channel	2-120-1C	2	Mechanized Land Clearing	Yes	Poor	<8.4 aacres	No	disturbed sage scrub	None	0.02
Rialto Channel	2-120-1C	2	Vegetation Management	Yes	Poor	<8.4 aacres	No	disturbed sage scrub	None	0.29
Brush Canyon Basin	2-412-4A	2	Bank Repair	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.00
Brush Canyon Basin	2-412-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.00
Brush Canyon Basin	2-412-4A	2	Vegetation Management	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.07
Twin Creek	2-405-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	0.58
Twin Creek	2-405-1A	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	0.20
Twin Creek	2-405-1A	2	Ingress / Egress	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	0.00
Twin Creek	2-405-1A	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	8.72
Twin Creek	2-405-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	0.00
Twin Creek	2-405-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	0.00
Twin Creek Sprdg Grnds	2-406-2A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	0.08
Twin Creek Sprdg Grnds	2-406-2A	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	0.01
Twin Creek Levees, COE	2-408-5B	2	Fed Maintenance Layer	Yes	Good	<8.4 acres	No		Low	0.25
Twin Creek Levees, COE	2-408-5B	2	Herbicide Vector Control	Yes	Good	<8.4 acres	No		Low	0.00
Twin Creek Levees, COE	2-408-5B	2	Ingress / Egress	Yes	Good	<8.4 acres	No		Low	0.00
Waterman Basin #3	2-403-4C	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.81
Waterman Basin #3	2-403-4C	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.01
Waterman Basin #3	2-403-4C	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Waterman Basin #3	2-403-4C	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	2.89
Waterman Basin #3	2-403-4C	2	Vegetation Management	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	3.89

Waterman Levee, COE	2-408-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.17
Waterman Levee, COE	2-408-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.12
Waterman Creek	2-401-1A	2	Bank Repair	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.01
Waterman Creek	2-401-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.01
Waterman Creek	2-401-1A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Waterman Creek	2-401-1A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Waterman Creek	2-401-1A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.04
Waterman Creek	2-401-1B	2	Bank Repair	No				sliver	None	0.10
Waterman Creek	2-401-1B	2	Bank Repair	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.10
Waterman Creek	2-401-1B	2	Herbicide Vector Control	No				sliver	None	0.05
Waterman Creek	2-401-1B	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.05
Waterman Creek	2-401-1B	2	Ingress / Egress	No				sliver	None	0.00
Waterman Creek	2-401-1B	2	Ingress / Egress	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.00
Waterman Creek	2-401-1B	2	Mechanized Land Clearing	No				sliver	None	1.58
Waterman Creek	2-401-1B	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	1.58
Waterman Basin #1	2-403-4A	2	Herbicide Vector Control	No				sliver	None	0.00
Waterman Basin #1	2-403-4A	2	Ingress / Egress	No				sliver	None	0.00
Waterman Basin #2	2-403-4B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.01
Waterman Basin #2	2-403-4B	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.01
Waterman Basin #2	2-403-4B	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.01
Waterman Basin #2	2-403-4B	2	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.57
Waterman Levee, COE	2-408-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	2.43
Waterman Levee, COE	2-408-5A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Waterman Levee, COE	2-408-5A	2	Vegetation Management	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Waterman Levee, COE	2-408-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Waterman Levee, COE	2-408-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.57
Waterman Basin #4	2-403-4D	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	4.22
Waterman Basin #4	2-403-4D	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.12
Waterman Basin #4	2-403-4D	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Waterman Basin #4	2-403-4D	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	2.97
Waterman Basin #4	2-403-4D	2	Vegetation Management	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	4.92
Daley Basin	2-506-4A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.82
Daley Basin	2-506-4A	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.26
Daley Basin	2-506-4A	2	Ingress / Egress	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.01
Daley Basin	2-506-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.13
Daley Basin	2-506-4A	2	Vegetation Management	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.00
Riverside Groin #1, COE	2-205-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	0.84
Riverside Groin #1, COE	2-205-5A	2	Vegetation Management	Yes	Good	>8.4 aacres	No		Moderate	0.31
Riverside Groin #2, COE	2-205-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed sage scrub	Moderate	0.05
Riverside Groin #2, COE	2-205-5B	2	Vegetation Management	Yes	Good	>8.4 aacres	No	some distrubed sage scrub	Moderate	0.14
Riverside Groin #3, COE	2-205-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily distrubed sage scrub	Low	0.20
Riverside Groin #3, COE	2-205-5C	2	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily distrubed sage scrub	Low	0.07
Riverside Groin #4, COE	2-205-5D	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	0.08
Riverside Groin #4, COE	2-205-5D	2	Vegetation Management	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	0.26
Riverside Groin #4, COE	2-205-5D	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	0.13
Riverside Groin #5, COE	2-205-5E	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily chamise dominated	Low	0.68
Riverside Groin #5, COE	2-205-5E	2	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily chamise dominated	Low	0.00
Lytle Creek Levee, COE	2-206-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	9.04
Lytle Creek Levee, COE	2-206-5A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.06
Lytle Creek Levee, COE	2-206-5A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Lytle Creek Levee, COE	2-206-5A	2	Vegetation Management	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.25
Island Levee, COE	2-207-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	3.82
Island Levee, COE	2-207-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.04
Island Levee, COE	2-207-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.03
Island Levee, COE	2-207-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub	Low	0.14
Island Levee, COE	2-207-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub	Low	0.01
Island Levee, COE	2-207-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub	Low	0.01
Muscoy Levee, COE	2-210-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some non-sage scrub; primarily distrubed	Low	0.91
Muscoy Levee, COE	2-210-5A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some non-sage scrub; primarily distrubed	Low	0.00
Muscoy Levee, COE	2-210-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some non-sage scrub; primarily distrubed	Low	0.06
Muscoy Levee, COE	2-210-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some non-sage scrub; primarily distrubed	Low	0.00
Muscoy Levee, COE	2-210-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	mostly distrubed and non-sage scrub	Low	2.03
Muscoy Levee, COE	2-210-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	mostly distrubed and non-sage scrub	Low	0.13
Muscoy Levee, COE	2-210-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	mostly distrubed and non-sage scrub	Low	0.01
Muscoy Levee, COE	2-210-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	mostly distrubed and non-sage scrub	Low	0.19
Muscoy Levee, COE	2-210-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band; primarly disturbed, non-sage scrub habitat	Low	3.90
Muscoy Levee, COE	2-210-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band; primarly disturbed, non-sage scrub habitat	Low	0.11
Muscoy Levee, COE	2-210-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band; primarly disturbed, non-sage scrub habitat	Low	0.04
Muscoy Groin #2, COE	2-209-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band of habitat; some non-sage scub and disturbed	Low	1.46
Muscoy Groin #2, COE	2-209-5B	2	Vegetation Management	Yes	Good	>8.4 acres	No	Occurs in a narrow band of habitat; some non-sage scub and disturbed	Low	0.12
Muscoy Groin #3, COE	2-209-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	Occurs in a narrow band of habitat; some non-sage scub and disturbed	Low	3.87
Muscoy Groin #3, COE	2-209-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	Occurs in a narrow band of habitat; some non-sage scub and disturbed	Low	0.02
Sand Canyon Basin	2-503-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.05
Sand Canyon Basin	2-503-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantly non-sage scrub	Low	0.01
Lemon Basin	2-511-4A	2	Herbicide Vector Control	Yes	Low	>8.4 acres	No		Moderate	0.00
Lemon Basin	2-511-4A	2	Ingress / Egress	Yes	Low	>8.4 acres	No		Moderate	0.00
Lemon Basin	2-511-4A	2	Mechanized Land Clearing	Yes	Low	>8.4 acres	No		Moderate	0.04
Lemon Basin	2-511-4A	2	Vegetation Management	Yes	Low	>8.4 acres	No		Moderate	3.95
Little Sand Canyon Basin	2-510-4A	2	Mechanized Land Clearing	No				slivers	None	0.00
Muscoy Groin #5, COE	2-209-5E	2	Fed Maintenance Layer	No					None	1.05
Muscoy Groin #5, COE	2-209-5E	2	Herbicide Vector Control	No					None	0.00
Muscoy Groin #5, COE	2-209-5E	2	Ingress / Egress	No					None	0.00
Muscoy Groin #4, COE	2-209-5D	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	4.09
Muscoy Groin #4, COE	2-209-5D	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.00
Muscoy Groin #4, COE	2-209-5D	2	Ingress / Egress	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.00
Muscoy Groin #4, COE	2-209-5D	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	2.76
Muscoy Groin #4, COE	2-209-5D	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.01
Devil Creek Diversion Channel, COE	2-307-1B	2	Fed Maintenance Layer	No				No sage scrub	None	2.10
Devil Creek Diversion Channel, COE	2-307-1B	2	Herbicide Vector Control	No				No sage scrub	None	0.47
Devil Creek Diversion Channel, COE	2-307-1B	2	Ingress / Egress	No				No sage scrub	None	0.01
Devil Creek Diversion Channel, COE	2-307-1B	2	Mechanized Land Clearing	No				No sage scrub	None	0.19

Devil Creek Diversion Channel, COE	2-307-1B	2	Fed Maintenance Layer	No				No sage scrub	None	0.01
Cable Creek Channel	2-309-1B	2	Bank Repair	No				slivers	None	0.02
Cable Creek Channel	2-309-1B	2	Herbicide Vector Control	No				slivers	None	0.01
Cable Creek Channel	2-309-1B	2	Ingress / Egress	No				slivers	None	0.00
Cable Creek Channel	2-309-1B	2	Mechanized Land Clearing	No				slivers	None	0.00
Lytle-Cajon Channel, COE	2-204-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub sliver	Low	0.00
Lytle Creek Gatehouse, COE	2-211-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.39
Lytle Creek Gatehouse, COE	2-211-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.01
Lytle Creek Gatehouse, COE	2-211-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.00
Lytle Creek Gatehouse, COE	2-211-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.82
Lytle Creek Gatehouse, COE	2-211-5A	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.00
Lytle Creek Gatehouse, COE	2-211-5A	2	Ingress / Egress	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.00
Lytle Creek Gatehouse, COE	2-211-5A	2	Vegetation Management	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.20
Lytle Creek Gatehouse, COE	2-211-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.05
Baseline Basin #3	2-214-4C	2	Herbicide Vector Control	No				sliver	None	0.00
Baseline Basin #3	2-214-4C	2	Ingress / Egress	No				sliver	None	0.00
McQuiddy-Severance Diversion Channel	2-351-1A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.02
McQuiddy-Severance Diversion Channel	2-351-1A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.01
McQuiddy-Severance Diversion Channel	2-351-1A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	1.14
Sycamore Basin	2-352-4A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.65
Sycamore Basin	2-352-4A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.00
Sycamore Basin	2-352-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.34
North Badger Basin	2-358-4A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.03
North Badger Basin	2-358-4A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
North Badger Basin	2-358-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.07
North Badger Basin	2-358-4A	2	Vegetation Management	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.65
Badger Channel	2-359-1A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.16
Badger Channel	2-359-1A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.00
Badger Sprdg Grnds-Upper	2-355-2A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.40
Badger Sprdg Grnds-Upper	2-355-2A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.02
Badger Sprdg Grnds-Upper	2-355-2A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	9.26
Sycamore Diversion Channel	2-353-1A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.55
Sycamore Diversion Channel	2-353-1A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.00
Sycamore Diversion Channel	2-353-1A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.16
East Badger Basin & Spillway	2-354-4A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.16
East Badger Basin & Spillway	2-354-4A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.10
East Badger Basin & Spillway	2-354-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	1.65
South Badger Basin	2-356-4A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.07
South Badger Basin	2-356-4A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.03
South Badger Basin	2-356-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.26
South Badger Basin	2-356-4A	2	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.05
Badger Sprdg Grnds-Lower	2-355-2B	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.03
Badger Sprdg Grnds-Lower	2-355-2B	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Badger Sprdg Grnds-Lower	2-355-2B	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.42
Badger Sprdg Grnds-Lower	2-355-2B	2	Stock Pile Locations	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.09
Wiggins Basin #1	2-305-4A	2	Fed Maintenance Layer	No				exisiting disturbed	None	0.02
Wiggins Basin #1	2-305-4A	2	Herbicide Vector Control	No				exisiting disturbed	None	0.81
Wiggins Basin #1	2-305-4A	2	Ingress / Egress	No				exisiting disturbed	None	0.01
Wiggins Basin #1	2-305-4A	2	Mechanized Land Clearing	No				exisiting disturbed	None	0.59
West Badger Basin	2-360-4A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.08
West Badger Basin	2-360-4A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
West Badger Basin	2-360-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.04
West Badger Basin	2-360-4A	2	Vegetation Management	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.74
Sweetwater Basin	2-362-4A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.05
Sweetwater Basin	2-362-4A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.00
Sweetwater Basin	2-362-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.13
Plunge Creek	3-201-1C	3	Bank Repair	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	2.83
Plunge Creek	3-201-1C	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	6.59
Santa Ana River	3-101-1C	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.00
Plunge Creek	2-605-1A	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.39
Plunge Creek	2-605-1A	2	Ingress / Egress	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.00
City Creek Levee, COE	2-601-1B	2	Bank Repair	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.92
City Creek Levee, COE	2-601-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	6.97
City Creek Levee, COE	2-601-1B	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.02
City Creek Levee, COE	2-601-1B	2	Ingress / Egress	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.00
City Creek Levee, COE	2-601-1B	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	6.81
City Creek Levee, COE	2-601-1B	2	Vegetation Management	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.01
Reche Canyon Creek	2-702-1A	2	Herbicide Vector Control	No					None	0.00
Reche Canyon Creek	2-702-1A	2	Ingress / Egress	No					None	0.00
Santa Ana River	3-101-1A	3	Herbicide Vector Control	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	0.47
Santa Ana River	3-101-1A	3	Ingress / Egress	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	0.01
Santa Ana River	3-101-1A	3	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	7.77
Santa Ana River	3-101-1A	3	Vegetation Management	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow	Low	0.16
Cucamonga Channel	1-301-1B	1	Bank Repair	Yes	good	>8.4 acres	No	Most areas mapped are existing access roads and alluvial, and perhaps partially disturbed.	Low	0.33
Cucamonga Channel	1-301-1B	1	Bank Repair	Yes	good	<8.4 acres	No	Some areas mapped overlap existing access road	Low	0.33
Cucamonga Channel	1-301-1B	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	Most areas mapped are existing access roads and alluvial, and perhaps partially disturbed.	Low	1.08
Cucamonga Channel	1-301-1B	1	Herbicide Vector Control	Yes	good	<8.4 acres	No	Some areas mapped overlap existing access road	Low	1.08
Cucamonga Channel	1-301-1B	1	Vegetation Management	Yes	good	>8.4 acres	No	Most areas mapped are existing access roads and alluvial, and perhaps partially disturbed.	Low	0.01
Cucamonga Channel	1-301-1B	1	Vegetation Management	Yes	good	<8.4 acres	No	Some areas mapped overlap existing access road	Low	0.01
Almond Intercept Channel	1-315-1A	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat-existing access road	Low	0.29

Almond Intercept Channel	1-315-1A	1	Ingress / Egress	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat-existing access road	Low	0.00
City Creek Levee, COE	2-601-5D	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	1.22
City Creek Levee, COE	2-601-5D	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	some non-sage scrub	Moderate	3.71
City Creek Levee, COE	2-601-5A	2	Fed Maintenance Layer	No				disturbed with consruction of Alabama culvert	None	0.05
City Creek Levee, COE	2-601-5A	2	Fed Maintenance Layer	No				disturbed with consruction of Alabama culvert	None	0.65
Day Creek Sprdg. Basin #5	1-614-4E	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	0.39
Day Creek Sprdg. Basin #5	1-614-4E	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No		Moderate	0.00
Day Creek Sprdg. Basin #5	1-614-4E	1	Ingress / Egress	Yes	Good	>8.4 aacres	No		Moderate	0.00
Day Creek Sprdg. Basin #5	1-614-4E	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	2.61
Day Creek Sprdg. Basin #4	1-614-4D	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	0.20
Day Creek Sprdg. Basin #4	1-614-4D	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	2.45
Day Creek Sprdg. Basin #3	1-614-4C	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	0.33
Day Creek Sprdg. Basin #3	1-614-4C	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No		Moderate	2.59
Day Creek Sprdg. Basin #1	1-614-4A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.18
Day Creek Sprdg. Basin #1	1-614-4A	1	Stock Pile Locations	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	0.00
Day Creek Sprdg. Basin #1	1-614-4A	1	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily disturbed and non- sage scrub	Low	1.20
Day Creek Channel	1-601-1A	1	Herbicide Vector Control	No				access road	None	0.06
Cucamonga Channel	1-301-1A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	Some areas mapped are existing access roads and alluvial.	Low	0.03
Cucamonga Channel	1-301-1A	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	Some areas mapped are existing access roads and alluvial.	Low	1.46
Cucamonga Channel	1-301-1A	1	Ingress / Egress	Yes	good	>8.4 acres	No	Some areas mapped are existing access roads and alluvial.	Low	0.00
Cucamonga Channel	1-301-1A	1	Vegetation Management	Yes	good	>8.4 acres	No	Some areas mapped are existing access roads and alluvial.	Low	0.14
Deer Creek Channel, COE	1-501-1B	1	Fed Maintenance Layer	No				existing access roads	None	0.63
Deer Creek Channel, COE	1-501-1B	1	Herbicide Vector Control	No				existing access roads	None	0.53
Deer Creek Channel, COE	1-501-1B	1	Ingress / Egress	No				existing access roads	None	0.13
Deer Creek Channel, COE	1-501-1B	1	Vegetation Management	No				existing access roads	None	0.44
Cucamonga Basin #8	1-304-4C	1	Fed Maintenance Layer	Yes	poor	<8.4 acres	No	patch is <.5 acre	None	0.11
Cucamonga Basin #8	1-304-4C	1	Fed Maintenance Layer	Yes	Poor	>8.4 acres	No	restoration site; sage scrub quality variable	Low	0.11
Cucamonga Basin #8	1-304-4C	1	Fed Maintenance Layer	Yes	poor	<8.4 acres	No	patch is <.5 acre	None	0.04
Cucamonga Basin #8	1-304-4C	1	Fed Maintenance Layer	Yes	Poor	>8.4 acres	No	restoration site; sage scrub quality variable	Low	0.04
Cucamonga Channel, COE	1-301-1E	1	Herbicide Vector Control	No				occurs on existing access road	None	0.07
Cucamonga Channel, COE	1-301-1C	1	Fed Maintenance Layer	Yes	poor	<8.4 acres	No	patch is <.5 acre	None	0.01
Cucamonga Channel, COE	1-301-1C	1	Ingress / Egress	Yes	poor	<8.4 acres	No	patch is <.5 acre	None	0.00
Deer Creek Channel, COE	1-501-1F	1	Fed Maintenance Layer	Yes	None	<8.4 acres	No		none	0.61
Deer Creek Channel, COE	1-501-1F	1	Herbicide Vector Control	Yes	None	<8.4 acres	No		none	0.30
Deer Creek Channel, COE	1-501-1F	1	Ingress / Egress	Yes	None	<8.4 acres	No		none	0.02
Deer Creek Channel, COE	1-501-1F	1	Mechanized Land Clearing	Yes	None	<8.4 acres	No		none	0.08
Alta Loma Basin #2 (DSOD)	1-406-3B	1	Herbicide Vector Control	Yes	poor	>8.4 acres	No	some disturbed sage scrub	Low	0.04
Alta Loma Basin #2 (DSOD)	1-406-3B	1	Mechanized Land Clearing	Yes	poor	>8.4 acres	No	some disturbed sage scrub	Low	0.05
Alta Loma Basin #2 (DSOD)	1-406-3B	1	Vegetation Management	Yes	poor	>8.4 acres	No	some disturbed sage scrub	Low	1.74
Day Creek Channel	1-601-1E	1	Herbicide Vector Control	Yes	Poor	<8.4 aacres	No	primarily disturbed and non-sage scrub	None	0.07
Day Creek Channel	1-601-1E	1	Ingress / Egress	Yes	Poor	<8.4 aacres	No	primarily disturbed and non-sage scrub	None	0.02
Day Creek	1-606-4B	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	disturbed and existing access road	None	0.39
Day Creek	1-606-4B	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	disturbed and existing access road	None	0.01
Day Creek	1-606-4B	1	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	disturbed and existing access road	None	0.34
Day Creek Sprdg Grnds	1-602-2A	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily existing access road	Low	2.10
Day Creek Sprdg Grnds	1-602-2A	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily existing access road	Low	0.18
Day Creek Sprdg Grnds	1-602-2A	1	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily existing access road	Low	0.22
Gateway Wash	3-615-1A	3	Bank Repair	Yes	Good	<8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.04
Gateway Wash	3-615-1A	3	Herbicide Vector Control	Yes	Good	<8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.13
Gateway Wash	3-615-1A	3	Ingress / Egress	Yes	Good	<8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.01
Gateway Wash	3-615-1A	3	Mechanized Land Clearing	Yes	Good	<8.4 acres	No	predominantely very sparse alluvial sage scrub	Low	0.70
Cucamonga Basin #7	1-304-4B	1	Mechanized Land Clearing	Yes	poor	<8.4 acres	No	patch is <3 acres	None	0.00
Cucamonga Basin #7	1-304-4B	1	Vegetation Management	Yes	poor	<8.4 acres	No	patch is <3 acres	None	0.13
Deer Creek Channel, COE	1-501-1C	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat-existing access road	Low	0.32
Deer Creek Channel, COE	1-501-1C	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat-existing access road	Low	0.06
Deer Creek Channel, COE	1-501-1C	1	Ingress / Egress	Yes	good	>8.4 acres	No	primarily disturbed and non-sage scrub habitat-existing access road	Low	0.00
Turner Basin #4	1-504-4D	1	Herbicide Vector Control	No				ruderal field	None	0.06
Turner Basin #2	1-504-4B	1	Herbicide Vector Control	No				occurs on existing access road	None	0.05
Turner Basin #2	1-504-4B	1	Mechanized Land Clearing	No				occurs on existing access road	None	0.01
Turner Basin #2	1-504-4B	1	Vegetation Management	No				occurs on existing access road	None	0.00
Cucamonga Connector	1-312-6A	1	Herbicide Vector Control	Yes	Poor	>8.4 acres	No	restoration site; sage scrub quality variable	Low	0.02
Cucamonga Connector	1-312-6A	1	Herbicide Vector Control	Yes	poor	<8.4 acres	No	restoration site; sage scrub quality variable; patch is <3 acres	None	0.02
Cucamonga Connector	1-312-6A	1	Mechanized Land Clearing	Yes	Poor	>8.4 acres	No	restoration site; sage scrub quality variable	Low	0.01
Cucamonga Connector	1-312-6A	1	Mechanized Land Clearing	Yes	poor	<8.4 acres	No	restoration site; sage scrub quality variable; patch is <3 acres	None	0.01
Cucamonga Connector	1-312-6A	1	Vegetation Management	Yes	Poor	>8.4 acres	No	restoration site; sage scrub quality variable	Low	0.26
Cucamonga Connector	1-312-6A	1	Vegetation Management	Yes	poor	<8.4 acres	No	restoration site; sage scrub quality variable; patch is <3 acres	None	0.26
Demens Creek Channel, COE	1-401-1B	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.56
Demens Creek Channel, COE	1-401-1B	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.14
Demens Creek Channel, COE	1-401-1B	1	Ingress / Egress	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.01
Demens Creek Channel, COE	1-401-1B	1	Mechanized Land Clearing	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.36
Demens Creek Channel, COE	1-401-1B	1	Vegetation Management	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.20
Demens Creek Channel, COE	1-401-1B	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.00
Day Creek	1-606-4A	1	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	disturbed and existing access road	None	0.26
Day Creek	1-606-4A	1	Ingress / Egress	Yes	Good	>8.4 aacres	No	disturbed and existing access road	None	0.00
Day Creek	1-606-4A	1	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	disturbed and existing access road	None	0.02

Cucamonga Sprdg Grnds	1-303-2A	1	Stock Pile Locations	Yes	Good	>8.4 acres	No	slivers and some non-sage scrub habitat	Low	0.30
Cucamonga Dam, COE (DSOD)	1-352-3A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.43
Cucamonga Dam, COE (DSOD)	1-352-3A	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.02
Cucamonga Dam, COE (DSOD)	1-352-3A	1	Ingress / Egress	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.00
Cucamonga Dam, COE (DSOD)	1-352-3A	1	Vegetation Management	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.91
Cucamonga Dam, COE (DSOD)	1-352-3A	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	some disturbed and non-sage scrub habitat present	Moderate	0.01
Cucamonga Channel, COE	1-301-1B	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	Most areas mapped are existing access roads and alluvial, and perhaps partially disturbed.	Low	0.06
Cucamonga Channel, COE	1-301-1B	1	Fed Maintenance Layer	Yes	good	<8.4 acres	No	Some areas mapped overlap existing access road	Low	0.06
Cucamonga Channel, COE	1-301-1B	1	Herbicide Vector Control	Yes	good	>8.4 acres	No	Most areas mapped are existing access roads and alluvial, and perhaps partially disturbed.	Low	0.02
Cucamonga Channel, COE	1-301-1B	1	Herbicide Vector Control	Yes	good	<8.4 acres	No	Some areas mapped overlap existing access road	Low	0.02
Cucamonga Channel, COE	1-301-1B	1	Ingress / Egress	Yes	good	>8.4 acres	No	Most areas mapped are existing access roads and alluvial, and perhaps partially disturbed.	Low	0.00
Cucamonga Channel, COE	1-301-1B	1	Ingress / Egress	Yes	good	<8.4 acres	No	Some areas mapped overlap existing access road	Low	0.00
Cucamonga Channel, COE	1-301-1B	1	Fed Maintenance Layer	Yes	good	>8.4 acres	No	Most areas mapped are existing access roads and alluvial, and perhaps partially disturbed.	Low	0.05
Cucamonga Channel, COE	1-301-1B	1	Fed Maintenance Layer	Yes	good	<8.4 acres	No	Some areas mapped overlap existing access road	Low	0.05
Cucamonga Sprdg Grnds	1-303-2A	1	Herbicide Vector Control	Yes	Good	>8.4 acres	No	slivers and some non-sage scrub habitat	Low	0.22
Cucamonga Sprdg Grnds	1-303-2A	1	Ingress / Egress	Yes	Good	>8.4 acres	No	slivers and some non-sage scrub habitat	Low	0.01
Cucamonga Sprdg Grnds	1-303-2A	1	Vegetation Management	Yes	Good	>8.4 acres	No	slivers and some non-sage scrub habitat	Low	0.00
Santa Ana River (Incl. COE)	2-701-1B	2	Bank Repair	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow ; some area concrete-lined	Low	0.00
Santa Ana River (Incl. COE)	2-701-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow ; some area concrete-lined	Low	3.01
Santa Ana River (Incl. COE)	2-701-1B	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow ; some area concrete-lined	Low	0.00
Santa Ana River (Incl. COE)	2-701-1B	2	Ingress / Egress	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow ; some area concrete-lined	Low	0.00
Santa Ana River (Incl. COE)	2-701-1B	2	Mechanized Land Clearing	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow ; some area concrete-lined	Low	9.39
Santa Ana River (Incl. COE)	2-701-1B	2	Vegetation Management	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow ; some area concrete-lined	Low	0.60
Santa Ana River (Incl. COE)	2-701-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow ; some area concrete-lined	Low	0.00
Cucamonga Basin #6	1-306-4B	1	Herbicide Vector Control							0.12
Cucamonga Basin #6	1-306-4B	1	Ingress / Egress							0.00
Cucamonga Basin #6	1-306-4B	1	Vegetation Management							11.26
Cucamonga Channel	1-312-6A	1	Herbicide Vector Control	Yes	Poor	>8.4 acres	No	restoration site; sage scrub quality variable	Low	0.05
Cucamonga Channel	1-312-6A	1	Herbicide Vector Control	Yes	poor	<8.4 acres	No	restoration site; sage scrub quality variable; patch is <3 acres	None	0.05
Cucamonga Channel	1-312-6A	1	Ingress / Egress	Yes	Poor	>8.4 acres	No	restoration site; sage scrub quality variable	Low	0.00
Cucamonga Channel	1-312-6A	1	Ingress / Egress	Yes	poor	<8.4 acres	No	restoration site; sage scrub quality variable; patch is <3 acres	None	0.00
Cable Creek Channel	2-309-1A	2	Bank Repair	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	1.09
Cable Creek Channel	2-309-1A	2	Herbicide Vector Control	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.59
Cable Creek Channel	2-309-1A	2	Ingress / Egress	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.05
Devil Creek Diversion Channel, COE	2-307-1A	2	Fed Maintenance Layer	No				exisiting disturbed	None	0.02
Devil Creek Diversion Channel, COE	2-307-1A	2	Herbicide Vector Control	No				exisiting disturbed	None	0.02
Devil Creek	2-301-1B	2	Bank Repair	Yes	Good	>8.4 aacres	No	sparse sage scrub and some non-sage scrub areas	Low	1.65
Devil Creek	2-301-1B	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	sparse sage scrub and some non-sage scrub areas	Low	0.02
Devil Creek	2-301-1B	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	sparse sage scrub and some non-sage scrub areas	Low	0.00
Devil Creek	2-301-1B	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	sparse sage scrub and some non-sage scrub areas	Low	26.66
Devil Basin #3	2-304-4B	2	Bank Repair	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.21
Devil Basin #3	2-304-4B	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.45
Devil Basin #3	2-304-4B	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Devil Basin #3	2-304-4B	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.46
Devil Basin #3	2-304-4B	2	Stock Pile Locations	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.76
Devil Basin #2	2-304-4A	2	Bank Repair	Yes	Good	>8.4 aacres	No		Moderate	0.01
Devil Basin #2	2-304-4A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No		Moderate	0.15
Devil Basin #2	2-304-4A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No		Moderate	0.01
Devil Basin #2	2-304-4A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No		Moderate	0.26
Devil Canyon Dam (Basin #1) (DSOD)	2-303-3A	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	distrubed sage scrub areas	Low	0.16
Devil Canyon Dam (Basin #1) (DSOD)	2-303-3A	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	distrubed sage scrub areas	Low	0.01
Devil Canyon Dam (Basin #1) (DSOD)	2-303-3A	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	distrubed sage scrub areas	Low	7.37
Devil Canyon Dam (Basin #1) (DSOD)	2-303-3A	2	Vegetation Management	Yes	Good	>8.4 aacres	No	distrubed sage scrub areas	Low	0.79
Devil Creek Levee, COE	2-306-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	9.67
Devil Creek Levee, COE	2-306-5A	2	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.18
Devil Creek Levee, COE	2-306-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	2.01
Devil Creek Levee, COE	2-306-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.57
Devil Creek Diversion Channel, COE	2-307-1A	2	Fed Maintenance Layer	No				exisiting disturbed	None	0.00
Devil Creek Diversion Channel, COE	2-307-1A	2	Fed Maintenance Layer	No				exisiting disturbed	None	0.09
Badger Channel	2-359-1B	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.06
Badger Channel	2-359-1B	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.00
Badger Channel	2-359-1B	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.07
Badger Channel	2-359-1B	2	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily distrubed and some non-sage scrub	Low	0.26
Devil Basin #5	2-304-4D	2	Herbicide Vector Control	No					None	0.02
Devil Basin #5	2-304-4D	2	Ingress / Egress	No					None	0.00
Devil Basin #5	2-304-4D	2	Mechanized Land Clearing	No					None	0.12
Sweetwater Channel	2-361-1A	2	Herbicide Vector Control	No					None	0.01
Sweetwater Channel	2-361-1A	2	Ingress / Egress	No					None	0.00
Devil Basin #7	2-304-4F	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.10

Devil Basin #7	2-304-4F	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.00
Devil Basin #7	2-304-4F	2	Stock Pile Locations	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	0.01
Devil Basin #7	2-304-4F	2	Vegetation Management	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.11
Devil Basin #6	2-304-4E	2	Herbicide Vector Control	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.03
Devil Basin #6	2-304-4E	2	Ingress / Egress	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.00
Devil Basin #6	2-304-4E	2	Mechanized Land Clearing	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	2.43
Devil Basin #6	2-304-4E	2	Stock Pile Locations	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.97
Devil Basin #6	2-304-4E	2	Vegetation Management	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	1.93
Mojave River	4-101-1N	4	Bank Repair	None				out of range	None	2.09
Lytle Creek Channel, COE	2-203-1A	2	Fed Maintenance Layer	No				non-sage scrub slivers	None	0.02
Lytle Creek Channel, COE	2-203-1A	2	Herbicide Vector Control	No				non-sage scrub slivers	None	0.01
Mill Creek Levee, COE	3-802-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	0.00
Mill Creek Levee, COE	3-802-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	0.00
Mill Creek Levee, COE	3-802-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	4.75
Mill Creek Levee, COE	3-802-5A	3	Fed Maintenance Layer	Yes	Good	<8.4 acres	No	portion recently disturbed with pipeline construcion	Moderate	4.75
Mill Creek Levee, COE	3-802-5B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes		High	2.54
City Creek Levee, COE	2-601-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.02
City Creek Levee, COE	2-601-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	0.02
Santa Ana River	3-101-1B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	3.44
Santa Ana River	3-101-1B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	3.44
Santa Ana River	3-101-1B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	2.75
Santa Ana River	3-101-1B	3	Fed Maintenance Layer	Yes	Good	>8.4 acres	Yes	Some areas within this facility low to moderate suitability due to changes in vegetation cover	High	2.75
Cajon Creek Wash	2-201-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	2.44
Cajon Creek Wash	2-201-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub	Low	2.44
Muscoy Groin #1, COE	2-209-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band of habitat; some non-sage scrub	Low	0.02
Muscoy Groin #1, COE	2-209-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band of habitat; some non-sage scrub	Low	0.02
Twin Creek	2-405-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	0.01
Twin Creek	2-405-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	predominantly sparse alluvial sage scrub	Low	0.01
Waterman Levee, COE	2-408-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.26
Waterman Levee, COE	2-408-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.26
Island Levee, COE	2-207-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.67
Island Levee, COE	2-207-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some distrubed and non-sage scrub	Moderate	1.67
Island Levee, COE	2-207-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub	Low	0.83
Island Levee, COE	2-207-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub	Low	0.83
Muscoy Levee, COE	2-210-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some non-sage scrub; primarily distrubed	Low	0.34
Muscoy Levee, COE	2-210-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	some non-sage scrub; primarily distrubed	Low	0.34
Muscoy Levee, COE	2-210-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	mostly distrubed and non-sage scrub	Low	0.11
Muscoy Levee, COE	2-210-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	mostly distrubed and non-sage scrub	Low	0.11
Muscoy Levee, COE	2-210-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	mostly distrubed and non-sage scrub	Low	1.03
Muscoy Levee, COE	2-210-5B	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	mostly distrubed and non-sage scrub	Low	1.03
Muscoy Levee, COE	2-210-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band; primarly disturbed, non-sage scrub habitat	Low	2.67
Muscoy Levee, COE	2-210-5C	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	Occurs in a narrow band; primarly disturbed, non-sage scrub habitat	Low	2.67
Muscoy Groin #4, COE	2-209-5D	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	1.75
Muscoy Groin #4, COE	2-209-5D	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse alluvial sage scrub	Low	1.75
Lytle-Cajon Channel, COE	2-204-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub sliver	Low	0.00
Lytle-Cajon Channel, COE	2-204-1A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	alluvial sag scrub sliver	Low	0.00
Lytle Creek Gatehouse, COE	2-211-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.03
Lytle Creek Gatehouse, COE	2-211-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.03
Lytle Creek Gatehouse, COE	2-211-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.00
Lytle Creek Gatehouse, COE	2-211-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	sparse sage scrub and some non-sage scrub areas	Low	0.00
Santa Ana River (Incl. COE)	2-701-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow ; some area concrete-lined	Low	0.01
Santa Ana River (Incl. COE)	2-701-1B	2	Fed Maintenance Layer	Yes	Good	>8.4 acres	No	very sparse alluvial sage scrub in center flow ; some area concrete-lined	Low	0.01
Devil Creek Levee, COE	2-306-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.87
Devil Creek Levee, COE	2-306-5A	2	Fed Maintenance Layer	Yes	Good	>8.4 aacres	No	primarily distrubed and non-sage scrub	Low	0.87
										708.15

APPENDIX B

San Bernardino Kangaroo Rat Data Sheet

SBKR Habitat Assessment Data Sheet

Date:_____ Observers: _____ Sample point: _____ Sheet: ____ Elevation*:_____ Slope:_____

Photo #'s:_____ General Location and GPS*:_____ Plot shape: 20mx20m or 10mx40m Hydrology:_____

Kangaroo rats

Burrows: Y or N Number: Sign:_____ (use code below) Distance to potential core (source) habitat (m)*:_____
List potential constraints to movement from core*:_____

Surface Coarse Fragments

Type:	Very Fine	Sand	Gravel	Cobble, Stone, Boulders	Litter	Water	Cryptogramic Crust	Stems	Trash/Debris	Dead and down woody debris
Descriptor	silt, clay, mud	<2mm	2mm-7.5 cm d.	>7.5 cm d.	organic matter					
Cover										

Dominant soil texture (from guide): _____

Habitat and Vegetation

Type:	Total Veg Cover	Bare Soil	Bare soil which is crypto	Tree cover	Shrub Cover	Native forb	exotic perennial	exotic annual
Descriptor	Total veg + bare soil = 100%		relative %	% cover	% cover	% cover	% cover trees, shrubs, vines	% cover forbs and grasses
Cover								

Dominant 5 shrub species with % relative cover: _____ _____

Scale broom (% relative cover):_____

Yerba Santa (% relaitve cover):_____

Soil Compaction

Compaction:	Low	Moderate	High
Descriptor	loose like beach sand, recently deposits, soft with little vegetative cover, no sign of burrows	some vegetative structure, friable but not loose like beach sand, may have cryptogrammic crust, likely burrows	very compact, not friable, difficult to dig into, no burrows or sign of digging
Cover Class (use code below)			

Codes

Kangaroo rat sign: T=tracks TD=tail drags SB=sand baths S=scat
Cover classes: 1 (<1%), 2 (1-5%), 3 (>5-15%), 4 (>15-25%), 5 (>25-50%), 6 (>50-75%), 7 (>75%)
* filled out in office

APPENDIX C

San Bernardino Kangaroo Rat Classification Results

OBJECTID	Name	Redbook_I	Zone	ID	Habitat	SBKRRank	Notes	SoilComp	SurfCrsFrag	CoverOpen	ExoticCover	Cnct2Source	Constraint	EMD_Op	Acres
2	Santa Ana River	3-101-1E	3	Polygon 1	RAFSS P-I	3.2	SAR bench US Waterman	4	4	4	3	1		Bank Repair	0.02
3	Santa Ana River	3-101-1E	3	Polygon 1	RAFSS P-I	3.2	SAR bench US Waterman	4	4	4	3	1		Bank Repair	0.00
4	Plunge Creek	3-201-1B	3	Polygon 10	RAFSS I	3.6		4	4	3	3	4		Bank Repair	0.41
5	Plunge Creek	3-201-1B	3	Polygon 10	RAFSS I	3.6		4	4	3	3	4		Herbicide Vector Control	0.13
6	Plunge Creek	3-201-1C	3	Polygon 10	RAFSS I	3.6		4	4	3	3	4		Bank Repair	0.13
7	Plunge Creek	3-201-1C	3	Polygon 10	RAFSS I	3.6		4	4	3	3	4		Bank Repair	0.12
8	Plunge Creek	3-201-1C	3	Polygon 10	RAFSS I	3.6		4	4	3	3	4		Mechanized Land Clearing	0.45
9	Plunge Creek	3-201-1C	3	Polygon 10	RAFSS I	3.6		4	4	3	3	4		Mechanized Land Clearing	0.02
10	Plunge Creek	3-201-1C	3	Polygon 10	RAFSS I	3.6		4	4	3	3	4		Mechanized Land Clearing	0.04
14	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Bank Repair	0.02
15	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Bank Repair	0.06
16	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Bank Repair	0.00
17	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Bank Repair	0.05
18	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Bank Repair	0.21
19	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Bank Repair	0.15
20	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Bank Repair	0.18
21	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Mechanized Land Clearing	0.16
22	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Mechanized Land Clearing	0.01
23	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Mechanized Land Clearing	0.28
24	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Mechanized Land Clearing	0.00
25	Plunge Creek	3-201-1C	3	Polygon 11	RAFSS P	3.4	Soil mech disturbed	2	4	3	4	4		Mechanized Land Clearing	0.07
28	Mill Creek	3-801-1C	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.08
29	Mill Creek	3-801-1C	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.16
52	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Bank Repair	0.13
53	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Bank Repair	0.22
54	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Bank Repair	0.02
55	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Bank Repair	0.13
56	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Bank Repair	0.01
57	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Ingress / Egress	0.80
58	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Ingress / Egress	0.02
59	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.37
60	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.51
61	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.08
62	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.19
63	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.00
64	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.25
65	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.18
66	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	1.36
67	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	1.05
68	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.57
69	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.82
70	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.07
71	Mill Creek	3-801-1D	3	Polygon 12	RAFSS P	2.6	Mill Cr floodplain	2	1	3	4	3		Mechanized Land Clearing	0.35
76	Muscoy Groin #3, COE	2-209-5C	2	Polygon 13	RAFSS I	3.4		4	4	2	3	4		Fed Maintenance Layer	0.01
77	Muscoy Groin #3, COE	2-209-5C	2	Polygon 13	RAFSS I	3.4		4	4	2	3	4		Fed Maintenance Layer	0.04
78	Muscoy Groin #3, COE	2-209-5C	2	Polygon 13	RAFSS I	3.4		4	4	2	3	4		Fed Maintenance Layer	0.12
79	Muscoy Groin #3, COE	2-209-5C	2	Polygon 13	RAFSS I	3.4		4	4	2	3	4		Fed Maintenance Layer	0.05
90	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Fed Maintenance Layer	0.09
91	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.01
92	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.02
93	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.01
94	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.08
95	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.00
96	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.05
97	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.02
98	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.00
99	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.01
100	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.03
101	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.05
102	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.04
103	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.01
104	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.02
105	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.00
106	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.00
107	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.01
108	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.00
109	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Ingress / Egress	0.00
110	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Ingress / Egress	0.01
111	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Ingress / Egress	0.00
112	Cajon Creek Wash	2-201-1B	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Ingress / Egress	0.00
117	Muscoy Groin #3, COE	2-209-5C	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Fed Maintenance Layer	0.18
118	Muscoy Groin #3, COE	2-209-5C	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Fed Maintenance Layer	0.05
119	Muscoy Groin #3, COE	2-209-5C	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Fed Maintenance Layer	0.05
120	Muscoy Groin #3, COE	2-209-5C	2	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Fed Maintenance Layer	0.11
123	Santa Ana River	3-101-1B	3	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.00
124	Santa Ana River	3-101-1B	3	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.00
125	Santa Ana River	3-101-1B	3	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Herbicide Vector Control	0.07
126	Santa Ana River	3-101-1B	3	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Ingress / Egress	0.00
127	Santa Ana River	3-101-1B	3	Polygon 14	RAFSS M	3.2		4	4	1	4	3	veg type	Ingress / Egress	0.00

128	Santa Ana River	3-101-1B	3	Polygon 14	RAFSS M	3.2	4	4	1	4	3	veg type	Ingress / Egress	0.00
129	Santa Ana River	3-101-1B	3	Polygon 14	RAFSS M	3.2	4	4	1	4	3	veg type	Ingress / Egress	0.00
130	Santa Ana River	3-101-1B	3	Polygon 14	RAFSS M	3.2	4	4	1	4	3	veg type	Ingress / Egress	0.00
132	Muscoy Groin #1, COE	2-209-5A	2	Polygon 15	RAFSS P	3.4	Soil mech disturbed-basin	3	3	4	4	3	Vegetation Management	0.45
133	Muscoy Groin #1, COE	2-209-5A	2	Polygon 15	RAFSS P	3.4	Soil mech disturbed-basin	3	3	4	4	3	Vegetation Management	1.01
134	Muscoy Groin #1, COE	2-209-5A	2	Polygon 15	RAFSS P	3.4	Soil mech disturbed-basin	3	3	4	4	3	Vegetation Management	0.16
135	Muscoy Groin #1, COE	2-209-5A	2	Polygon 15	RAFSS P	3.4	Soil mech disturbed-basin	3	3	4	4	3	Vegetation Management	2.26
142	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Fed Maintenance Layer	0.02
143	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Herbicide Vector Control	0.05
144	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Herbicide Vector Control	0.00
145	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Herbicide Vector Control	0.04
146	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Herbicide Vector Control	0.03
147	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Herbicide Vector Control	0.02
148	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Ingress / Egress	0.00
149	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Ingress / Egress	0.00
150	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Ingress / Egress	0.00
151	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Ingress / Egress	0.00
152	Cajon Creek Wash	2-201-1B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Ingress / Egress	0.00
154	Macy Storm Drain	2-217-6A	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Herbicide Vector Control	0.02
155	Macy Storm Drain	2-217-6A	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Ingress / Egress	0.00
156	Muscoy Groin #1, COE	2-209-5A	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Fed Maintenance Layer	0.45
157	Muscoy Groin #1, COE	2-209-5A	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Fed Maintenance Layer	0.09
158	Muscoy Groin #1, COE	2-209-5A	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Fed Maintenance Layer	0.02
160	Muscoy Groin #2, COE	2-209-5B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Fed Maintenance Layer	0.39
161	Muscoy Groin #2, COE	2-209-5B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Fed Maintenance Layer	1.37
162	Muscoy Groin #2, COE	2-209-5B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Vegetation Management	0.03
163	Muscoy Groin #2, COE	2-209-5B	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Vegetation Management	0.00
165	Muscoy Groin #3, COE	2-209-5C	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Fed Maintenance Layer	1.13
166	Muscoy Groin #3, COE	2-209-5C	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Fed Maintenance Layer	0.58
168	Muscoy Levee, COE	2-210-5A	2	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Herbicide Vector Control	0.00
170	Santa Ana River	3-101-1B	3	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Herbicide Vector Control	0.01
171	Santa Ana River	3-101-1B	3	Polygon 16	RAFSS M	2.4	upper bench-heavy grass cover	4	3	1	1	3	veg type	Ingress / Egress	0.00
174	Santa Ana River	3-101-1E	3	Polygon 19	RAFSS P-I	3.6	SAR bench US Orange Show	4	4	4	3	3		Bank Repair	0.36
175	Santa Ana River	3-101-1E	3	Polygon 19	RAFSS P-I	3.6	SAR bench US Orange Show	4	4	4	3	3		Vegetation Management	0.19
176	Santa Ana River	3-101-1E	3	Polygon 2	RAFSS P	2.6	SAR fresh bench at Mission Creek	2	4	2	4	1		Mechanized Land Clearing	0.67
177	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 2	RAFSS P	2.6	SAR fresh bench at Mission Creek	2	4	2	4	1		Mechanized Land Clearing	0.21
178	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 2	RAFSS P	2.6	SAR fresh bench at Mission Creek	2	4	2	4	1		Mechanized Land Clearing	0.16
179	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 2	RAFSS P	2.6	SAR fresh bench at Mission Creek	2	4	2	4	1		Mechanized Land Clearing	0.00
183	Riverside Groin #5, COE	2-205-5E	2	Polygon 20	RAFSS I	3.6		4	4	3	3	4		Fed Maintenance Layer	0.22
185	Upper Devore Levee, COE	2-208-5A	2	Polygon 20	RAFSS I	3.6		4	4	3	3	4		Fed Maintenance Layer	2.01
186	Upper Devore Levee, COE	2-208-5A	2	Polygon 20	RAFSS I	3.6		4	4	3	3	4		Fed Maintenance Layer	0.33
188	Lytle-Cajon Channel, COE	2-204-1A	2	Polygon 21	RAFSS P	3.6		3	4	3	4	4		Fed Maintenance Layer	0.00
189	Lytle-Cajon Channel, COE	2-204-1A	2	Polygon 21	RAFSS P	3.6		3	4	3	4	4		Fed Maintenance Layer	0.02
190	Lytle-Cajon Channel, COE	2-204-1A	2	Polygon 21	RAFSS P	3.6		3	4	3	4	4		Fed Maintenance Layer	0.00
194	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 21	RAFSS P	3.6		3	4	3	4	4		Fed Maintenance Layer	0.19
195	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 21	RAFSS P	3.6		3	4	3	4	4		Fed Maintenance Layer	0.00
196	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 21	RAFSS P	3.6		3	4	3	4	4		Fed Maintenance Layer	0.00
197	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 21	RAFSS P	3.6		3	4	3	4	4		Fed Maintenance Layer	0.02
198	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 21	RAFSS P	3.6		3	4	3	4	4		Fed Maintenance Layer	0.03
201	Plunge Creek	3-201-1B	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3		Bank Repair	0.03
202	Plunge Creek	3-201-1B	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3		Herbicide Vector Control	0.00
203	Plunge Creek	3-201-1B	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3		Mechanized Land Clearing	0.02
204	Plunge Creek	3-201-1B	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3		Stock Pile Locations	0.00
206	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3		Bank Repair	0.01
207	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3		Mechanized Land Clearing	0.00
208	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3		Mechanized Land Clearing	0.01
209	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3		Mechanized Land Clearing	0.00
210	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3		Vegetation Management	0.10

211	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3	Vegetation Management	0.13
212	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 22	RAFSS I	3.6	Upper Plunge bench	4	4	3	4	3	Vegetation Management	1.67
213	Plunge Creek	3-201-1B	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.01
214	Plunge Creek	3-201-1B	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.02
215	Plunge Creek	3-201-1B	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.06
220	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.00
221	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.02
222	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.00
223	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.00
224	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.02
225	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.31
226	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Bank Repair	0.00
227	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Mechanized Land Clearing	1.75
228	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Mechanized Land Clearing	3.03
229	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Mechanized Land Clearing	0.25
230	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Vegetation Management	0.30
231	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Vegetation Management	0.05
232	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Vegetation Management	0.00
233	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Vegetation Management	0.16
234	Plunge Creek Spreading Grounds	3-202-2A	3	Polygon 23	RAFSS P	3.2	Soil mech disturbed	2	4	3	4	3	Vegetation Management	0.21
236	Baseline Basin #3	2-214-4C	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Herbicide Vector Control	0.05
237	Baseline Basin #3	2-214-4C	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Herbicide Vector Control	0.00
238	Baseline Basin #3	2-214-4C	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Ingress / Egress	0.00
245	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Fed Maintenance Layer	0.00
246	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Fed Maintenance Layer	0.00
247	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Herbicide Vector Control	0.00
248	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Herbicide Vector Control	0.00
249	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Herbicide Vector Control	0.08
250	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Herbicide Vector Control	0.00
251	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Ingress / Egress	0.00
252	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Ingress / Egress	0.00
255	Muscoy Groin #1, COE	2-209-5A	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Fed Maintenance Layer	0.06
258	Muscoy Groin #3, COE	2-209-5C	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Fed Maintenance Layer	0.03
259	Muscoy Groin #4, COE	2-209-5D	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Fed Maintenance Layer	0.74
263	Muscoy Groin #5, COE	2-209-5E	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Fed Maintenance Layer	0.09
264	Muscoy Groin #5, COE	2-209-5E	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Fed Maintenance Layer	0.00
265	Muscoy Groin #5, COE	2-209-5E	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Herbicide Vector Control	0.00
266	Muscoy Groin #5, COE	2-209-5E	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Ingress / Egress	0.00
270	Riverside Groin #2, COE	2-205-5B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Fed Maintenance Layer	0.02
271	Riverside Groin #2, COE	2-205-5B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Vegetation Management	0.03
272	Riverside Groin #2, COE	2-205-5B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Vegetation Management	0.04
273	Riverside Groin #2, COE	2-205-5B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Vegetation Management	0.04
274	Riverside Groin #2, COE	2-205-5B	2	Polygon 24	RAFSS I	3.8		4	4	3	4	4	Vegetation Management	0.06
276	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Herbicide Vector Control	0.06
277	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Ingress / Egress	0.00
279	Muscoy Levee, COE	2-210-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Fed Maintenance Layer	0.25
280	Muscoy Levee, COE	2-210-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Fed Maintenance Layer	0.19
281	Muscoy Levee, COE	2-210-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Fed Maintenance Layer	0.03
283	Riverside Groin #1, COE	2-205-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Fed Maintenance Layer	0.19
284	Riverside Groin #1, COE	2-205-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Fed Maintenance Layer	0.47
285	Riverside Groin #1, COE	2-205-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Fed Maintenance Layer	0.01
286	Riverside Groin #1, COE	2-205-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Fed Maintenance Layer	0.03
287	Riverside Groin #1, COE	2-205-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Herbicide Vector Control	0.00
288	Riverside Groin #1, COE	2-205-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Herbicide Vector Control	0.00
289	Riverside Groin #1, COE	2-205-5A	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Vegetation Management	0.31

292	Riverside Groin #2, COE	2-205-5B	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Fed Maintenance Layer	0.01
293	Riverside Groin #2, COE	2-205-5B	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Fed Maintenance Layer	0.00
294	Riverside Groin #2, COE	2-205-5B	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Vegetation Management	0.01
295	Riverside Groin #2, COE	2-205-5B	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Vegetation Management	0.01
296	Riverside Groin #2, COE	2-205-5B	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Vegetation Management	0.04
299	Riverside Groin #3, COE	2-205-5C	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Vegetation Management	0.01
300	Riverside Groin #3, COE	2-205-5C	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Vegetation Management	0.01
302	Riverside Groin #4, COE	2-205-5D	2	Polygon 25	RAFSS M	2.8	upper bench Lytle-Cajon-heavy grass cover	4	4	1	2	3	Vegetation Management	0.11
306	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 26	RAFSS M	3.4		4	4	2	4	3	Fed Maintenance Layer	0.03
307	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 26	RAFSS M	3.4		4	4	2	4	3	Fed Maintenance Layer	0.00
308	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 26	RAFSS M	3.4		4	4	2	4	3	Fed Maintenance Layer	0.00
309	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 26	RAFSS M	3.4		4	4	2	4	3	Herbicide Vector Control	0.03
310	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 26	RAFSS M	3.4		4	4	2	4	3	Herbicide Vector Control	0.05
311	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 26	RAFSS M	3.4		4	4	2	4	3	Herbicide Vector Control	0.01
312	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 26	RAFSS M	3.4		4	4	2	4	3	Ingress / Egress	0.00
313	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 26	RAFSS M	3.4		4	4	2	4	3	Ingress / Egress	0.00
314	Devil Creek Diversion Channel, COE	2-307-1B	2	Polygon 26	RAFSS M	3.4		4	4	2	4	3	Ingress / Egress	0.00
316	Island Levee, COE	2-207-5B	2	Polygon 27	RAFSS P	3.4		3	4	2	4	4	Fed Maintenance Layer	0.86
317	Island Levee, COE	2-207-5B	2	Polygon 27	RAFSS P	3.4		3	4	2	4	4	Fed Maintenance Layer	0.32
318	Island Levee, COE	2-207-5B	2	Polygon 27	RAFSS P	3.4		3	4	2	4	4	Fed Maintenance Layer	0.09
320	Lytle Creek Levee, COE	2-206-5A	2	Polygon 27	RAFSS P	3.4		3	4	2	4	4	Fed Maintenance Layer	0.16
321	Lytle Creek Levee, COE	2-206-5A	2	Polygon 27	RAFSS P	3.4		3	4	2	4	4	Vegetation Management	0.00
322	Lytle Creek Levee, COE	2-206-5A	2	Polygon 27	RAFSS P	3.4		3	4	2	4	4	Vegetation Management	0.00
323	Island Levee, COE	2-207-5B	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.55
326	Lytle Creek Levee, COE	2-206-5A	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.00
327	Lytle Creek Levee, COE	2-206-5A	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Vegetation Management	0.00
328	Lytle Creek Levee, COE	2-206-5A	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Vegetation Management	0.00
329	Mill Creek Levee, COE	3-802-5B	3	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.11
331	Muscoy Levee, COE	2-210-5B	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.22
336	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.06
337	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.01
338	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.03
339	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.03
340	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.01
341	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.03
342	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Fed Maintenance Layer	0.04
343	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Vegetation Management	0.00
344	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Vegetation Management	0.00
345	Riverside Groin #3, COE	2-205-5C	2	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Vegetation Management	0.03
355	Santa Ana River	3-101-1B	3	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Bank Repair	1.06
356	Santa Ana River	3-101-1B	3	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Herbicide Vector Control	0.06
357	Santa Ana River	3-101-1B	3	Polygon 28	RAFSS M	3.4		4	4	1	4	4	Ingress / Egress	0.00
358	Island Levee, COE	2-207-5B	2	Polygon 29	RAFSS P	2.4	disturbed by I-210 construction. Soils not suitable.	1	1	3	3	4	Fed Maintenance Layer	0.94
368	Santa Ana River	3-101-1E	3	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Bank Repair	0.35
369	Santa Ana River	3-101-1E	3	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Bank Repair	0.01
370	Santa Ana River	3-101-1E	3	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Mechanized Land Clearing	0.58
371	Santa Ana River	3-101-1E	3	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Mechanized Land Clearing	2.14
372	Santa Ana River	3-101-1E	3	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Mechanized Land Clearing	0.33
373	Santa Ana River	3-101-1E	3	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Vegetation Management	0.32
377	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Mechanized Land Clearing	0.02
378	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Mechanized Land Clearing	0.00
379	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Mechanized Land Clearing	0.00
380	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Mechanized Land Clearing	1.93
381	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 3	RAFSS P	3.2	SAR fresh bench US Orange Show	2	4	3	4	3	Vegetation Management	0.09
382	Island Levee, COE	2-207-5A	2	Polygon 30	RAFSS M	2.8		4	4	1	2	3	Fed Maintenance Layer	0.58
384	Riverside Groin #2, COE	2-205-5B	2	Polygon 31	RAFSS P	3		2	3	2	4	4	Vegetation Management	0.02
386	Riverside Groin #3, COE	2-205-5C	2	Polygon 31	RAFSS P	3		2	3	2	4	4	Vegetation Management	0.00
389	Riverside Groin #2, COE	2-205-5B	2	Polygon 32	RAFSS I	3.8	fire in 2013	4	4	4	4	3	Fed Maintenance Layer	0.12
390	Riverside Groin #2, COE	2-205-5B	2	Polygon 32	RAFSS I	3.8	fire in 2013	4	4	4	4	3	Fed Maintenance Layer	0.00
391	Riverside Groin #2, COE	2-205-5B	2	Polygon 32	RAFSS I	3.8	fire in 2013	4	4	4	4	3	Fed Maintenance Layer	0.00
392	Riverside Groin #2, COE	2-205-5B	2	Polygon 32	RAFSS I	3.8	fire in 2013	4	4	4	4	3	Fed Maintenance Layer	0.00
393	Riverside Groin #2, COE	2-205-5B	2	Polygon 32	RAFSS I	3.8	fire in 2013	4	4	4	4	3	Fed Maintenance Layer	0.00
394	Riverside Groin #2, COE	2-205-5B	2	Polygon 32	RAFSS I	3.8	fire in 2013	4	4	4	4	3	Fed Maintenance Layer	1.74
395	Riverside Groin #2, COE	2-205-5B	2	Polygon 32	RAFSS I	3.8	fire in 2013	4	4	4	4	3	Vegetation Management	0.05
396	Riverside Groin #2, COE	2-205-5B	2	Polygon 32	RAFSS I	3.8	fire in 2013	4	4	4	4	3	Vegetation Management	0.12
400	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 33	RAFSS I	3.8		4	4	4	3	4	Fed Maintenance Layer	0.10

401	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 33	RAFSS I	3.8		4	4	4	3	4	Vegetation Management	0.18
402	Muscoy Levee, COE	2-210-5C	2	Polygon 33	RAFSS I	3.8		4	4	4	3	4	Fed Maintenance Layer	0.25
403	Mill Creek Levee, COE	3-802-5B	3	Polygon 35	RAFSS M	3		4	3	1	3	4	Fed Maintenance Layer	0.18
406	Mill Creek Levee, COE	3-802-5A	3	Polygon 36	RAFSS M	2.6	upper bench Mill Creek	2	1	2	4	4	Fed Maintenance Layer	3.72
407	Mill Creek Levee, COE	3-802-5A	3	Polygon 36	RAFSS M	2.6	upper bench Mill Creek	2	1	2	4	4	Fed Maintenance Layer	0.04
408	Mill Creek Levee, COE	3-802-5A	3	Polygon 36	RAFSS M	2.6	upper bench Mill Creek	2	1	2	4	4	Fed Maintenance Layer	0.13
410	Mill Creek Levee, COE	3-802-5A	3	Polygon 37	RAFSS M	2.2	upper bench Mill Creek	2	1	2	4	2	Fed Maintenance Layer	0.29
411	Mill Creek Levee, COE	3-802-5A	3	Polygon 37	RAFSS M	2.2	upper bench Mill Creek	2	1	2	4	2	Fed Maintenance Layer	0.25
412	Mill Creek Levee, COE	3-802-5A	3	Polygon 37	RAFSS M	2.2	upper bench Mill Creek	2	1	2	4	2	Herbicide Vector Control	0.03
413	Mill Creek Levee, COE	3-802-5A	3	Polygon 37	RAFSS M	2.2	upper bench Mill Creek	2	1	2	4	2	Ingress / Egress	0.00
414	Mill Creek Levee, COE	3-802-5A	3	Polygon 37	RAFSS M	2.2	upper bench Mill Creek	2	1	2	4	2	Vegetation Management	0.00
420	Mill Creek Levee, COE	3-802-5A	3	Polygon 38	RAFSS P	3	1st Mill Creek bench	2	1	4	4	4	Fed Maintenance Layer	0.50
421	Mill Creek Levee, COE	3-802-5A	3	Polygon 38	RAFSS P	3	1st Mill Creek bench	2	1	4	4	4	Fed Maintenance Layer	0.00
422	Mill Creek Levee, COE	3-802-5A	3	Polygon 38	RAFSS P	3	1st Mill Creek bench	2	1	4	4	4	Fed Maintenance Layer	0.00
423	Mill Creek Levee, COE	3-802-5A	3	Polygon 38	RAFSS P	3	1st Mill Creek bench	2	1	4	4	4	Fed Maintenance Layer	0.06
424	Mill Creek Levee, COE	3-802-5B	3	Polygon 39	RAFSS M	2.8	upper bench Mill Creek	2	2	2	4	4	Fed Maintenance Layer	0.43
425	Mill Creek Levee, COE	3-802-5B	3	Polygon 39	RAFSS M	2.8	upper bench Mill Creek	2	2	2	4	4	Fed Maintenance Layer	0.98
426	Mill Creek Levee, COE	3-802-5B	3	Polygon 40	RAFSS I	3.6	Creek-sandy	3	4	3	4	4	Fed Maintenance Layer	1.26
427	Mill Creek Levee, COE	3-802-5B	3	Polygon 40	RAFSS I	3.6	upper bench Mill Creek-sandy	3	4	3	4	4	Fed Maintenance Layer	0.44
428	Santa Ana River	3-101-1B	3	Polygon 40	RAFSS I	3.6	upper bench Mill Creek-sandy	3	4	3	4	4	Fed Maintenance Layer	0.05
431	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Fed Maintenance Layer	0.03
432	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Fed Maintenance Layer	0.07
433	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Fed Maintenance Layer	0.06
434	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Fed Maintenance Layer	0.47
435	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Fed Maintenance Layer	0.03
436	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Fed Maintenance Layer	0.07
437	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Fed Maintenance Layer	0.02
438	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Fed Maintenance Layer	0.01
439	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Fed Maintenance Layer	0.05
440	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Herbicide Vector Control	0.00
441	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Herbicide Vector Control	0.00
442	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Herbicide Vector Control	0.00
443	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Herbicide Vector Control	0.02
444	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Herbicide Vector Control	0.00
445	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Herbicide Vector Control	0.01
446	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Herbicide Vector Control	0.01
447	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Herbicide Vector Control	0.02
448	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
449	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
450	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
451	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
452	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
453	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
454	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
455	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
456	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
457	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
458	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
459	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
460	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
461	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
462	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
463	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
464	Santa Ana River	3-101-1B	3	Polygon 41	RAFSS P	4		4	4	4	4	4	Ingress / Egress	0.00
466	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.13
467	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.00
468	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.01
469	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.00
470	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.01
471	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.00
472	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.01
473	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.00
474	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.00
475	Mill Creek Levee, COE	3-802-5A	3	Polygon 44	RAFSS M	2.4	upper bench Mill Creek	2	1	2	4	3 veg type	Fed Maintenance Layer	0.20
476	Cajon Creek Wash	2-201-1B	2	Polygon 45	RAFSS I	3.6	Cajon Wash bench	3	3	4	4	4	Fed Maintenance Layer	10.43
477	Cajon Creek Wash	2-201-1B	2	Polygon 46	RAFSS P	3		2	1	4	4	4	Fed Maintenance Layer	0.07
478	Cajon Creek Wash	2-201-1B	2	Polygon 46	RAFSS P	3		2	1	4	4	4	Fed Maintenance Layer	0.33
479	Cajon Creek Wash	2-201-1B	2	Polygon 47	RAFSS M	3.8		4	4	3	4	4 veg type	Fed Maintenance Layer	4.13
480	Cajon Creek Wash	2-201-1B	2	Polygon 47	RAFSS M	3.8		4	4	3	4	4 veg type	Fed Maintenance Layer	0.46
481	Upper Devore Levee, COE	2-208-5A	2	Polygon 48	RAFSS I	3.2		4	4	3	3	2 levee, active	Fed Maintenance Layer	0.64
482	Upper Devore Levee, COE	2-208-5A	2	Polygon 48	RAFSS I	3.2		4	4	3	3	2 levee, active	Fed Maintenance Layer	0.11
483	Upper Devore Levee, COE	2-208-5A	2	Polygon 48	RAFSS I	3.2		4	4	3	3	2 levee, active	Fed Maintenance Layer	0.06
489	Riverside Groin #3, COE	2-205-5C	2	Polygon 49	RAFSS M	3		4	4	2	3	2 veg type, lev	Fed Maintenance Layer	1.75
490	Riverside Groin #3, COE	2-205-5C	2	Polygon 49	RAFSS M	3		4	4	2	3	2 veg type, lev	Fed Maintenance Layer	0.01
491	Riverside Groin #3, COE	2-205-5C	2	Polygon 49	RAFSS M	3		4	4	2	3	2 veg type, lev	Vegetation Management	0.00
492	Riverside Groin #3, COE	2-205-5C	2	Polygon 49	RAFSS M	3		4	4	2	3	2 veg type, lev	Vegetation Management	0.01
493	Riverside Groin #3, COE	2-205-5C	2	Polygon 49	RAFSS M	3		4	4	2	3	2 veg type, lev	Vegetation Management	0.08
494	Riverside Groin #3, COE	2-205-5C	2	Polygon 49	RAFSS M	3		4	4	2	3	2 veg type, lev	Vegetation Management	0.02
499	Santa Ana River	3-101-1D	3	Polygon 5	RAFSS P-I	4		4	4	4	4	4	Bank Repair	0.46
500	Santa Ana River	3-101-1D	3	Polygon 5	RAFSS P-I	4		4	4	4	4	4	Bank Repair	0.01
501	Santa Ana River	3-101-1D	3	Polygon 5	RAFSS P-I	4		4	4	4	4	4	Bank Repair	0.25

502	Santa Ana River	3-101-1D	3	Polygon 5	RAFSS P-I	4		4	4	4	4	4	Bank Repair	0.00
503	Santa Ana River	3-101-1D	3	Polygon 5	RAFSS P-I	4		4	4	4	4	4	Mechanized Land Clearing	0.33
504	Santa Ana River	3-101-1D	3	Polygon 5	RAFSS P-I	4		4	4	4	4	4	Mechanized Land Clearing	2.02
505	Santa Ana River	3-101-1D	3	Polygon 5	RAFSS P-I	4		4	4	4	4	4	Vegetation Management	0.32
507	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 5	RAFSS P-I	4		4	4	4	4	4	Mechanized Land Clearing	1.74
509	Riverside Groin #3, COE	2-205-5C	2	Polygon 50	RAFSS M	3.6		4	4	2	4	4	Vegetation Management	0.01
511	Lytle Creek Levee, COE	2-206-5A	2	Polygon 51	RAFSS I	3.8		4	4	4	4	3 levee	Fed Maintenance Layer	0.21
512	Lytle Creek Levee, COE	2-206-5A	2	Polygon 51	RAFSS I	3.8		4	4	4	4	3 levee	Vegetation Management	0.21
514	Muscoy Levee, COE	2-210-5B	2	Polygon 51	RAFSS I	3.8		4	4	4	4	3 levee	Fed Maintenance Layer	0.00
515	Muscoy Levee, COE	2-210-5B	2	Polygon 51	RAFSS I	3.8		4	4	4	4	3 levee	Fed Maintenance Layer	0.04
516	Muscoy Levee, COE	2-210-5B	2	Polygon 51	RAFSS I	3.8		4	4	4	4	3 levee	Fed Maintenance Layer	0.00
518	Riverside Groin #4, COE	2-205-5D	2	Polygon 52	RAFSS M	2.8		4	4	2	1	3 veg type	Fed Maintenance Layer	0.53
519	Riverside Groin #4, COE	2-205-5D	2	Polygon 52	RAFSS M	2.8		4	4	2	1	3 veg type	Vegetation Management	0.02
520	Riverside Groin #4, COE	2-205-5D	2	Polygon 52	RAFSS M	2.8		4	4	2	1	3 veg type	Vegetation Management	0.04
521	Riverside Groin #4, COE	2-205-5D	2	Polygon 52	RAFSS M	2.8		4	4	2	1	3 veg type	Vegetation Management	0.01
523	Riverside Groin #5, COE	2-205-5E	2	Polygon 52	RAFSS M	2.8		4	4	2	1	3 veg type	Fed Maintenance Layer	0.20
526	Riverside Groin #4, COE	2-205-5D	2	Polygon 53	RAFSS I	3.6		3	3	4	4	4	Fed Maintenance Layer	0.08
527	Riverside Groin #4, COE	2-205-5D	2	Polygon 53	RAFSS I	3.6		3	3	4	4	4	Vegetation Management	0.00
528	Riverside Groin #4, COE	2-205-5D	2	Polygon 53	RAFSS I	3.6		3	3	4	4	4	Vegetation Management	0.01
529	Riverside Groin #4, COE	2-205-5D	2	Polygon 53	RAFSS I	3.6		3	3	4	4	4	Vegetation Management	0.00
530	Riverside Groin #4, COE	2-205-5D	2	Polygon 53	RAFSS I	3.6		3	3	4	4	4	Vegetation Management	0.07
531	Riverside Groin #4, COE	2-205-5D	2	Polygon 53	RAFSS I	3.6		3	3	4	4	4	Vegetation Management	0.02
533	Island Levee, COE	2-207-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.94
534	Island Levee, COE	2-207-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.14
535	Island Levee, COE	2-207-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	1.53
540	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.09
541	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.14
542	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.08
543	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.03
544	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.34
545	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.34
546	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.01
547	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.01
548	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.41
549	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.07
550	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.02
551	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.02
552	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.00
553	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.01
554	Lytle Creek Levee, COE	2-206-5A	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.09
558	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.05
559	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.00
560	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.02
561	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.04
562	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.01
563	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.00
564	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.00
565	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.01
566	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.01
567	Riverside Groin #2, COE	2-205-5B	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.38
570	Riverside Groin #3, COE	2-205-5C	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.07
571	Riverside Groin #3, COE	2-205-5C	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.14
572	Riverside Groin #3, COE	2-205-5C	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.00
573	Riverside Groin #3, COE	2-205-5C	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.04
574	Riverside Groin #3, COE	2-205-5C	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.07
575	Riverside Groin #3, COE	2-205-5C	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.01
577	Riverside Groin #4, COE	2-205-5D	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.00
578	Riverside Groin #4, COE	2-205-5D	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.00
579	Riverside Groin #4, COE	2-205-5D	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.03
580	Riverside Groin #4, COE	2-205-5D	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.06
581	Riverside Groin #4, COE	2-205-5D	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.05
583	Riverside Groin #5, COE	2-205-5E	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.00
584	Riverside Groin #5, COE	2-205-5E	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Fed Maintenance Layer	0.22
585	Riverside Groin #5, COE	2-205-5E	2	Polygon 54	RAFSS M	3		4	3	1	4	3 veg type	Vegetation Management	0.00
587	Riverside Groin #5, COE	2-205-5E	2	Polygon 55	RAFSS P	3	covered with imported gravel	3	1	4	4	3 mining acces	Fed Maintenance Layer	0.26
592	Lytle Creek Levee, COE	2-206-5A	2	Polygon 56	RAFSS I	3		3	3	4	3	2 levee to nort	Fed Maintenance Layer	0.30
593	Lytle Creek Levee, COE	2-206-5A	2	Polygon 56	RAFSS I	3		3	3	4	3	2 levee to nort	Fed Maintenance Layer	2.44
594	Lytle Creek Levee, COE	2-206-5A	2	Polygon 56	RAFSS I	3		3	3	4	3	2 levee to nort	Ingress / Egress	0.00
596	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Fed Maintenance Layer	0.01
601	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Fed Maintenance Layer	0.23
602	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Fed Maintenance Layer	0.51
603	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Fed Maintenance Layer	0.80
604	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Herbicide Vector Control	0.00
605	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Herbicide Vector Control	0.00
606	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Herbicide Vector Control	0.02
607	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Herbicide Vector Control	0.00
608	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Ingress / Egress	0.00
609	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Ingress / Egress	0.00
610	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Ingress / Egress	0.00
611	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Ingress / Egress	0.00
612	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Ingress / Egress	0.00
613	Lytle Creek Levee, COE	2-206-5A	2	Polygon 57	RAFSS M	2.4		3	2	1	4	2 levee to nort	Ingress / Egress	0.00
615	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 58	RAFSS P	3.6		4	4	4	3	3 access road/	Fed Maintenance Layer	0.27
616	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 58	RAFSS P	3.6		4	4	4	3	3 access road/	Fed Maintenance Layer	0.03
617	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 58	RAFSS P	3.6		4	4	4	3	3 access road/	Fed Maintenance Layer	0.02
618	Lytle Creek Gatehouse, COE	2-211-5A	2	Polygon 58	RAFSS P	3.6		4	4	4	3	3 access road/	Vegetation Management	0.17
620	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.15
621	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.01
622	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.08
623	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.32
624	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.18
625	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.01
626	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.09
627	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.15

628	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	1.15
629	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.57
630	Plunge Creek	3-201-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.18
634	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.01
635	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Herbicide Vector Control	0.00
636	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Herbicide Vector Control	0.02
637	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Herbicide Vector Control	0.02
638	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Ingress / Egress	0.00
639	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Ingress / Egress	0.00
640	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Ingress / Egress	0.00
641	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Ingress / Egress	0.00
642	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.01
643	Plunge Creek Spreading Grounds	3-202-2B	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Vegetation Management	0.03
645	Santa Ana River	3-101-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Herbicide Vector Control	0.11
646	Santa Ana River	3-101-1C	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Ingress / Egress	0.03
656	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.06
657	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.00
658	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.01
659	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.00
660	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.09
661	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.08
662	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Bank Repair	0.09
663	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	1.61
664	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.37
665	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.35
666	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.02
667	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.01
668	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.06
669	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	2.36
670	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.66
671	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.00
672	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.21
673	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.00
674	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Vegetation Management	0.23
675	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Vegetation Management	0.06
676	Santa Ana River	3-101-1D	3	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Vegetation Management	0.03
684	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.01
685	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	1.52
686	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.48
687	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.31
688	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	4.51
689	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.33
690	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.00
691	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.05
692	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Mechanized Land Clearing	0.13
693	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 6	RAFSS P	3.4		2	4	3	4	4	Vegetation Management	0.08
694	Cajon Creek Wash	2-201-1B	2	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Fed Maintenance Layer	0.29
698	Lytle Creek Levee, COE	2-206-5A	2	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Fed Maintenance Layer	0.05
699	Lytle Creek Levee, COE	2-206-5A	2	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Vegetation Management	0.08
700	Lytle Creek Levee, COE	2-206-5A	2	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Vegetation Management	0.26
701	Muscoy Levee, COE	2-210-5B	2	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Fed Maintenance Layer	1.33
703	Plunge Creek	3-201-1C	3	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Herbicide Vector Control	0.04
708	Santa Ana River	3-101-1D	3	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Bank Repair	0.43
709	Santa Ana River	3-101-1D	3	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Bank Repair	0.75
710	Santa Ana River	3-101-1D	3	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Bank Repair	0.27
711	Santa Ana River	3-101-1D	3	Polygon 7	RAFSS P-I	4		4	4	4	4	4	Bank Repair	0.07
713	Santa Ana River	3-101-1D	3	Polygon 8	RAFSS P-I	4	Soil mech disturbed	4	4	4	4	4	Bank Repair	1.23
718	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Bank Repair	0.02
719	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Bank Repair	0.02
720	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Bank Repair	0.00
721	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Bank Repair	0.13
722	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Bank Repair	0.20
723	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Herbicide Vector Control	0.00
724	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Herbicide Vector Control	0.00
725	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Herbicide Vector Control	0.07
726	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Ingress / Egress	0.00
727	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Ingress / Egress	0.00
728	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Ingress / Egress	0.00
729	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Ingress / Egress	0.00
730	Santa Ana River	3-101-1B	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Ingress / Egress	0.00
736	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Bank Repair	0.32
737	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4		4	4	4	4	4	Bank Repair	0.00

738	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.01
739	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.00
740	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.00
741	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.00
742	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.00
743	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.02
744	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Ingress / Egress	0.00
745	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Ingress / Egress	0.00
746	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Ingress / Egress	0.00
747	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Ingress / Egress	0.00
748	Santa Ana River	3-101-1C	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Ingress / Egress	0.01
753	Santa Ana River	3-101-1D	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Bank Repair	0.13
754	Santa Ana River	3-101-1D	3	Polygon 9	RAFSS I	4	4	4	4	4	4	Bank Repair	0.54
758	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 9	RAFSS I	4	4	4	4	4	4	Bank Repair	0.14
759	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.02
760	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.00
761	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.02
762	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.02
763	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.00
764	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.00
765	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.01
766	Santa Ana River (Incl. COE)	2-701-1A	2	Polygon 9	RAFSS I	4	4	4	4	4	4	Herbicide Vector Control	0.01
767	Lytle Creek Levee, COE	2-206-5A	2	Polygon 99	NA	0	Field evluated: not habitat (levee slope, severly disturbed)					Fed Maintenance Layer	0.46
769	Muscoy Levee, COE	2-210-5C	2	Polygon 99	NA	0	Field evluated: not habitat (levee slope, severly disturbed)					Fed Maintenance Layer	0.66
770	Muscoy Levee, COE	2-210-5C	2	Polygon 99	NA	0	Field evluated: not habitat (levee slope, severly disturbed)					Fed Maintenance Layer	4.12

APPENDIX D

Least Bell's Vireo Classification Results

OBJECTID	Name	Redbook_In	Zone	LBVIRank	Notes	PatchSize	SpeciesCor	RiparianUr	RiparianOv	SaturatedC	RiparianW	EMD_Op	Acres
1	29th Street Basin #2	2-371-4B	2	0	no riparian	0	0	0	0	0	0	Mechanized Land Clearing	0.11
2	Badger Channel	2-359-1C	2	1	Polygon 6	1	0	0	0	0	0	Bank Repair	0.00
3	Badger Channel	2-359-1C	2	1	Polygon 6	1	0	0	0	0	0	Mechanized Land Clearing	0.11
5	Badger Channel	2-359-1C	2	4	Polygon 29	1	0	1	1	0	1	Herbicide Vector Control	0.03
6	Badger Channel	2-359-1C	2	4	Polygon 29	1	0	1	1	0	1	Mechanized Land Clearing	0.10
8	Brush Canyon Basin	2-412-4A	2	0	clear	0	0	0	0	0	0	Mechanized Land Clearing	0.03
10	Cactus Basin #2	2-104-4B	2	1	no riparian	0	0	0	0	1	0	Herbicide Vector Control	0.01
11	Cactus Basin #2	2-104-4B	2	1	no riparian	0	0	0	0	1	0	Mechanized Land Clearing	3.27
12	Cactus Basin #2	2-104-4B	2	1	no riparian	0	0	0	0	1	0	Vegetation Management	0.00
13	Cactus Basin #2	2-104-4B	2	1	no riparian	0	0	0	0	1	0	Vegetation Management	0.00
14	Cactus Basin #2	2-104-4B	2	1	no riparian	0	0	0	0	1	0	Vegetation Management	0.00
16	City Creek	3-301-1B	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.65
17	City Creek	3-301-1B	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.65
18	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.07
19	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.00
20	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.04
21	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.01
22	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.00
23	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.13
24	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.04
25	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.50
26	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	4.39
27	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.62
28	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.00
29	City Creek	3-301-1C	3	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.03
31	City Creek Channel	2-601-1A	2	3	Polygon 18	0	1	1	0	1	0	Fed Maintenance Layer	0.06
32	City Creek Channel	2-601-1A	2	3	Polygon 18	0	1	1	0	1	0	Fed Maintenance Layer	0.02
33	City Creek Channel	2-601-1A	2	3	Polygon 18	0	1	1	0	1	0	Mechanized Land Clearing	0.38
35	City Creek Levee, COE	2-601-1B	2	3	Polygon 33	0	1	0	1	1	0	Fed Maintenance Layer	0.01
36	City Creek Levee, COE	2-601-1B	2	3	Polygon 33	0	1	0	1	1	0	Fed Maintenance Layer	0.02
37	City Creek Levee, COE	2-601-1B	2	3	Polygon 33	0	1	0	1	1	0	Mechanized Land Clearing	0.40
38	City Creek Levee, COE	2-601-1B	2	3	Polygon 33	0	1	0	1	1	0	Vegetation Management	0.13
39	Cucamonga Channel, COE	1-301-1B	1	0	no riparian	0	0	0	0	0	0	Fed Maintenance Layer	0.00
40	Cucamonga Channel, COE	1-301-1B	1	0	no riparian	0	0	0	0	0	0	Fed Maintenance Layer	0.01
41	Cucamonga Channel, COE	1-301-1B	1	0	no riparian	0	0	0	0	0	0	Fed Maintenance Layer	0.03
42	Cucamonga Channel, COE	1-301-1B	1	0	no riparian	0	0	0	0	0	0	Herbicide Vector Control	0.00
43	Cucamonga Channel, COE	1-301-1B	1	0	no riparian	0	0	0	0	0	0	Herbicide Vector Control	0.00
44	Cucamonga Channel, COE	1-301-1B	1	0	no riparian	0	0	0	0	0	0	Vegetation Management	0.45
47	Cucamonga Channel, COE	1-301-1I	1	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.44
48	Cucamonga Channel, COE	1-301-1I	1	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.67
49	Cucamonga Channel, COE	1-301-1I	1	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.10
50	Cucamonga Channel, COE	1-301-1I	1	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.00
51	Cucamonga Channel, COE	1-301-1I	1	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.10
52	Cucamonga Channel, COE	1-301-1I	1	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.06
53	Cucamonga Channel, COE	1-301-1I	1	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.00
60	D Street SD	4-401-6A	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.06
61	D Street SD	4-401-6A	4	4	Polygon 7	1	1	0	1	0	1	Herbicide Vector Control	0.04
62	D Street SD	4-401-6A	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.20
63	D Street SD	4-401-6A	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.02
67	D Street SD	4-401-6A	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
68	D Street SD	4-401-6A	4	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.18
69	Devil Creek	2-301-1B	2	3	Polygon 20	1	0	0	1	1	0	Mechanized Land Clearing	0.69
71	Devil Creek	2-301-1B	2	4	Polygon 22	1	0	1	1	1	0	Bank Repair	0.07
72	Devil Creek	2-301-1B	2	4	Polygon 22	1	0	1	1	1	0	Mechanized Land Clearing	1.20
74	Dynamite Basin	3-304-4A	3	4	Polygon 24	0	1	1	1	0	1	Mechanized Land Clearing	0.01
75	Dynamite Basin	3-304-4A	3	4	Polygon 24	0	1	1	1	0	1	Vegetation Management	0.32
76	Elder Creek	3-205-1C	3	2	Polygon 15	0	1	0	0	1	0	Bank Repair	0.05
77	Elder Creek	3-205-1C	3	2	Polygon 15	0	1	0	0	1	0	Mechanized Land Clearing	0.13
79	English Canyon (Little Chino Creek)	1-127-1A	1	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	2.95
83	Harrison Basin	2-414-4A	2	0	recently maintained	0	0	0	0	0	0	Herbicide Vector Control	0.00
84	Harrison Basin	2-414-4A	2	0	recently maintained	0	0	0	0	0	0	Herbicide Vector Control	0.02
85	Harrison Basin	2-414-4A	2	0	recently maintained	0	0	0	0	0	0	Mechanized Land Clearing	1.70
89	Little Sand Canyon Basin	2-510-4A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.04

90	Lower Cucamonga Sprdg Grnds	1-310-2D	1	4	Polygon 5	1	1	1	0	0	1	Herbicide Vector Control	0.00
91	Lower Cucamonga Sprdg Grnds	1-310-2D	1	4	Polygon 5	1	1	1	0	0	1	Vegetation Management	4.40
92	Macy Basin	2-216-4A	2	0	no riparian	0	0	0	0	0	0	Mechanized Land Clearing	0.20
93	Macy Basin	2-216-4A	2	0	no riparian	0	0	0	0	0	0	Vegetation Management	0.00
96	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Bank Repair	0.41
97	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Bank Repair	0.60
98	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Herbicide Vector Control	0.11
99	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Herbicide Vector Control	0.00
100	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Ingress / Egress	0.00
101	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Ingress / Egress	0.00
102	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Ingress / Egress	0.00
103	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Ingress / Egress	0.00
104	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Ingress / Egress	0.00
105	Macy Storm Drain	2-217-6A	2	0	no riparian	0	0	0	0	0	0	Mechanized Land Clearing	0.57
113	Mill Creek	3-801-1A	3	3	Polygon 17	0	0	0	1	1	1	Bank Repair	0.01
114	Mill Creek	3-801-1A	3	3	Polygon 17	0	0	0	1	1	1	Bank Repair	0.02
115	Mill Creek	3-801-1A	3	3	Polygon 17	0	0	0	1	1	1	Bank Repair	0.06
116	Mill Creek	3-801-1A	3	3	Polygon 17	0	0	0	1	1	1	Bank Repair	0.00
117	Mill Creek	3-801-1A	3	3	Polygon 17	0	0	0	1	1	1	Bank Repair	0.00
119	Mill Creek Levee, COE	3-802-5A	3	3	Polygon 34	0	1	0	1	0	1	Vegetation Management	0.04
121	Mill Creek Levee, COE	3-802-5A	3	4	Polygon 7	1	1	0	1	0	1	Fed Maintenance Layer	0.14
122	Mill Creek Levee, COE	3-802-5A	3	4	Polygon 7	1	1	0	1	0	1	Fed Maintenance Layer	0.01
123	Mill Creek Levee, COE	3-802-5A	3	4	Polygon 7	1	1	0	1	0	1	Fed Maintenance Layer	0.01
124	Mill Creek Levee, COE	3-802-5A	3	4	Polygon 7	1	1	0	1	0	1	Fed Maintenance Layer	0.10
125	Mill Creek Levee, COE	3-802-5A	3	4	Polygon 7	1	1	0	1	0	1	Herbicide Vector Control	0.00
126	Mill Creek Levee, COE	3-802-5A	3	4	Polygon 7	1	1	0	1	0	1	Vegetation Management	0.00
128	Mission Channel	3-501-1C	3	5	Polygon 26	1	1	1	1	0	1	Bank Repair	0.15
129	Mission Channel	3-501-1C	3	5	Polygon 26	1	1	1	1	0	1	Mechanized Land Clearing	1.45
130	Mission Channel	3-501-1C	3	5	Polygon 26	1	1	1	1	0	1	Vegetation Management	1.28
131	Mojave River	4-101-1C	4	0	Polygon 0	0	0	0	0	0	0	Mechanized Land Clearing	0.07
132	Mojave River	4-101-1C	4	0	Polygon 0	0	0	0	0	0	0	Vegetation Management	0.01
136	Mojave River	4-101-1E	4	0	Polygon 0	0	0	0	0	0	0	Mechanized Land Clearing	0.01
148	Mojave River	4-101-1E	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.04
149	Mojave River	4-101-1E	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.02
150	Mojave River	4-101-1E	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.12
151	Mojave River	4-101-1E	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.75
173	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.13
174	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.20
175	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.09
176	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.15
177	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.25
178	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.94
179	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.05
180	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.05
181	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.29
182	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.56
183	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.01
184	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.82
185	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.78
186	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.24
187	Mojave River	4-101-1F	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.09
189	Mojave River	4-101-1F	4	5	Polygon 11	1	1	0	1	1	1	Mechanized Land Clearing	0.70
192	Mojave River	4-101-1F	4	5	Polygon 12	1	1	1	0	1	1	Mechanized Land Clearing	3.09
193	Mojave River	4-101-1F	4	5	Polygon 12	1	1	1	0	1	1	Mechanized Land Clearing	0.42
206	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.37
207	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.09
208	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.37
209	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	1.07
210	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.10
211	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.06
212	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.02
213	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.01
214	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.00
215	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.00
216	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	13.06
217	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	3.11
218	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.01
219	Mojave River	4-101-1F	4	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.58
223	Mojave River	4-101-1H	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.05
224	Mojave River	4-101-1H	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.03
225	Mojave River	4-101-1H	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.13
226	Mojave River	4-101-1H	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
227	Mojave River	4-101-1H	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.29
261	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.06
262	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	1.33
263	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.07
264	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.00
265	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.10

266	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.09
267	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.17
268	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.10
269	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.20
270	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.03
271	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.25
272	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.63
273	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.08
274	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.04
275	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.20
276	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.13
277	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.42
278	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.27
279	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.00
280	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.14
281	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.32
282	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	2.81
283	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.00
284	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.01
285	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.02
286	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.04
287	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.10
288	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.19
289	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.02
290	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.03
291	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.09
292	Mojave River	4-101-1I	4	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.04
296	Mojave River	4-101-1I	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.55
297	Mojave River	4-101-1I	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.01
298	Mojave River	4-101-1I	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
299	Mojave River	4-101-1I	4	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
304	Mojave River	4-101-1J	4	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.46
306	Muscoy Levee, COE	2-210-5C	2	0	no riparian	0	0	0	0	0	0	Fed Maintenance Layer	0.01
307	Muscoy Levee, COE	2-210-5C	2	0	no riparian	0	0	0	0	0	0	Fed Maintenance Layer	0.02
308	North Badger Basin	2-358-4A	2	1	Polygon 6	1	0	0	0	0	0	Herbicide Vector Control	0.00
310	North Badger Basin	2-358-4A	2	4	Polygon 29	1	0	1	1	0	1	Herbicide Vector Control	0.01
311	North Badger Basin	2-358-4A	2	4	Polygon 29	1	0	1	1	0	1	Ingress / Egress	0.00
316	Oak Creek	3-204-1B	3	2		0	0	0	1	0	1	Bank Repair	0.00
317	Oak Creek	3-204-1B	3	2		0	0	0	1	0	1	Bank Repair	0.02
318	Oak Creek	3-204-1B	3	2		0	0	0	1	0	1	Bank Repair	0.01
319	Oak Creek	3-204-1B	3	2		0	0	0	1	0	1	Bank Repair	0.11
320	Oak Creek	3-204-1B	3	2		0	0	0	1	0	1	Herbicide Vector Control	0.00
321	Oak Creek	3-204-1B	3	2		0	0	0	1	0	1	Mechanized Land Clearing	0.23
327	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Bank Repair	0.02
328	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Bank Repair	0.00
329	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Bank Repair	0.04
330	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Bank Repair	0.01
331	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Bank Repair	0.00
332	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Herbicide Vector Control	0.01
333	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Herbicide Vector Control	0.01
334	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Ingress / Egress	0.00
335	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Mechanized Land Clearing	0.00
336	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Mechanized Land Clearing	0.02
337	Oak Creek	3-204-1B	3	3	Polygon 30	1	0	0	1	0	1	Mechanized Land Clearing	0.01
342	Patton Basin	2-504-4A	2	0	riprapped	0	0	0	0	0	0	Mechanized Land Clearing	0.45
345	Plunge Creek	3-201-1C	3	2	Polygon 15	0	1	0	0	1	0	Bank Repair	0.05
346	Plunge Creek	3-201-1C	3	2	Polygon 15	0	1	0	0	1	0	Mechanized Land Clearing	0.28
348	Plunge Creek Spreading Grounds	3-202-2A	3	4	Polygon 22	1	0	1	1	1	0	Mechanized Land Clearing	0.01
349	Plunge Creek Spreading Grounds	3-202-2A	3	4	Polygon 22	1	0	1	1	1	0	Mechanized Land Clearing	0.28
350	Plunge Creek Spreading Grounds	3-202-2A	3	4	Polygon 22	1	0	1	1	1	0	Mechanized Land Clearing	1.02
351	Plunge Creek Spreading Grounds	3-202-2A	3	4	Polygon 22	1	0	1	1	1	0	Vegetation Management	0.31
352	Plunge Creek Spreading Grounds	3-202-2A	3	4	Polygon 22	1	0	1	1	1	0	Vegetation Management	0.01
353	Plunge Creek Spreading Grounds	3-202-2A	3	4	Polygon 22	1	0	1	1	1	0	Vegetation Management	0.00
354	Plunge Creek Spreading Grounds	3-202-2A	3	4	Polygon 22	1	0	1	1	1	0	Vegetation Management	0.11
355	Plunge Creek Spreading Grounds	3-202-2A	3	4	Polygon 22	1	0	1	1	1	0	Vegetation Management	0.03
358	Rancho Avenue Storm Drain	2-703-6A	2	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.01
359	Rancho Avenue Storm Drain	2-703-6A	2	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.00
360	Rancho Avenue Storm Drain	2-703-6A	2	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.00
361	Rancho Avenue Storm Drain	2-703-6A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.03
363	Rialto Channel	2-120-1C	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.31
364	Rialto Channel	2-120-1C	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.04
365	Rialto Channel	2-120-1C	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.03
366	Rialto Channel	2-120-1C	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
367	Rialto Channel	2-120-1C	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
368	Rialto Channel	2-120-1C	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.01

369	Rialto Channel	2-120-1C	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.01
370	Rialto Channel	2-120-1C	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	1.77
378	San Timoteo Creek	3-401-1A	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	3.29
379	San Timoteo Creek	3-401-1A	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.12
380	San Timoteo Creek	3-401-1A	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.15
382	San Timoteo Creek, COE	3-401-1B	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	5.70
386	San Timoteo Sediment Basin #18, COE	3-401-4R	3	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.00
387	San Timoteo Sediment Basin #18, COE	3-401-4R	3	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.00
389	Sand Canyon Basin	2-503-4A	2	5	Polygon 12	1	1	1	0	1	1	Herbicide Vector Control	0.01
390	Sand Canyon Basin	2-503-4A	2	5	Polygon 12	1	1	1	0	1	1	Herbicide Vector Control	0.00
391	Sand Canyon Basin	2-503-4A	2	5	Polygon 12	1	1	1	0	1	1	Mechanized Land Clearing	0.93
395	Sand Creek	2-502-1B	2	0	riprapped	0	0	0	0	0	0	Bank Repair	0.00
396	Sand Creek	2-502-1B	2	0	riprapped	0	0	0	0	0	0	Bank Repair	0.03
397	Sand Creek	2-502-1B	2	0	riprapped	0	0	0	0	0	0	Bank Repair	0.00
398	Sand Creek	2-502-1B	2	0	riprapped	0	0	0	0	0	0	Bank Repair	0.01
399	Sand Creek	2-502-1B	2	0	riprapped	0	0	0	0	0	0	Mechanized Land Clearing	1.58
419	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Bank Repair	0.09
420	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Bank Repair	0.00
421	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Bank Repair	0.15
422	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Bank Repair	0.09
423	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Bank Repair	0.00
424	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Bank Repair	0.42
425	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Bank Repair	0.01
426	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Bank Repair	0.02
427	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Fed Maintenance Layer	0.01
428	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Fed Maintenance Layer	0.63
429	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Fed Maintenance Layer	0.02
430	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Fed Maintenance Layer	0.26
431	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Ingress / Egress	0.02
432	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Ingress / Egress	0.03
433	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Ingress / Egress	0.00
434	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Ingress / Egress	0.00
435	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Ingress / Egress	0.00
436	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Ingress / Egress	0.00
437	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Ingress / Egress	0.01
438	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Mechanized Land Clearing	0.13
439	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Mechanized Land Clearing	0.15
440	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Mechanized Land Clearing	0.09
441	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Mechanized Land Clearing	0.70
442	Santa Ana River	2-701-1C	2	2	Polygon 3	1	0	0	0	0	1	Mechanized Land Clearing	0.00
445	Santa Ana River	2-701-1C	2	3	Polygon 19	1	1	0	0	0	1	Fed Maintenance Layer	0.00
446	Santa Ana River	2-701-1C	2	3	Polygon 19	1	1	0	0	0	1	Fed Maintenance Layer	0.10
447	Santa Ana River	2-701-1C	2	3	Polygon 19	1	1	0	0	0	1	Mechanized Land Clearing	0.82
449	Santa Ana River	2-701-1C	2	4	Polygon 24	0	1	1	1	0	1	Mechanized Land Clearing	0.04
450	Santa Ana River	2-701-1C	2	4	Polygon 24	0	1	1	1	0	1	Mechanized Land Clearing	0.02
462	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.02
463	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.01
464	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.08
465	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.01
466	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.10
467	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.89
468	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.00
469	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.24
470	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.59
471	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.01
472	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.02
473	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.81
474	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.24
475	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.07
476	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.02
477	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.23
478	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.43
479	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.17
480	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.03
481	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.00
482	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.05
483	Santa Ana River	2-701-1C	2	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.06
485	Santa Ana River	3-101-1A	3	4	Polygon 32	0	1	1	0	1	1	Vegetation Management	0.00
487	Santa Ana River	3-101-1A	3	5	Polygon 31	0	1	1	1	1	1	Vegetation Management	0.61
489	Santa Ana River	3-101-1A	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.07
492	Santa Ana River	3-101-1D	3	2	Polygon 9	0	1	0	1	0	0	Bank Repair	0.04
493	Santa Ana River	3-101-1D	3	2	Polygon 9	0	1	0	1	0	0	Bank Repair	0.05
494	Santa Ana River	3-101-1D	3	2	Polygon 9	0	1	0	1	0	0	Bank Repair	0.08
495	Santa Ana River	3-101-1D	3	2	Polygon 9	0	1	0	1	0	0	Bank Repair	0.00
496	Santa Ana River	3-101-1D	3	2	Polygon 9	0	1	0	1	0	0	Bank Repair	0.01
497	Santa Ana River	3-101-1D	3	2	Polygon 9	0	1	0	1	0	0	Bank Repair	0.00
498	Santa Ana River	3-101-1D	3	2	Polygon 9	0	1	0	1	0	0	Bank Repair	0.02
499	Santa Ana River	3-101-1D	3	2	Polygon 9	0	1	0	1	0	0	Bank Repair	0.03
500	Santa Ana River	3-101-1D	3	2	Polygon 9	0	1	0	1	0	0	Bank Repair	0.12
512	Santa Ana River	3-101-1D	3	3	Polygon 10	0	1	0	1	0	1	Bank Repair	0.03
513	Santa Ana River	3-101-1D	3	3	Polygon 10	0	1	0	1	0	1	Bank Repair	0.01
514	Santa Ana River	3-101-1D	3	3	Polygon 10	0	1	0	1	0	1	Bank Repair	0.05

515	Santa Ana River	3-101-1D	3	3	Polygon 10	0	1	0	1	0	1	Bank Repair	0.00
516	Santa Ana River	3-101-1D	3	3	Polygon 10	0	1	0	1	0	1	Bank Repair	0.33
518	Santa Ana River	3-101-1D	3	5	Polygon 1	1	1	1	1	0	1	Mechanized Land Clearing	0.12
519	Santa Ana River	3-101-1D	3	5	Polygon 1	1	1	1	1	0	1	Mechanized Land Clearing	0.00
528	Santa Ana River	3-101-1D	3	5	Polygon 26	1	1	1	1	0	1	Bank Repair	0.83
530	Santa Ana River	3-101-1E	3	3	Polygon 10	0	1	0	1	0	1	Bank Repair	0.11
531	Santa Ana River	3-101-1E	3	3	Polygon 10	0	1	0	1	0	1	Herbicide Vector Control	0.03
533	Santa Ana River	3-101-1E	3	3	Polygon 28	0	1	1	1	0	0	Mechanized Land Clearing	0.11
534	Santa Ana River	3-101-1E	3	3	Polygon 28	0	1	1	1	0	0	Mechanized Land Clearing	0.04
535	Santa Ana River	3-101-1E	3	3	Polygon 28	0	1	1	1	0	0	Vegetation Management	0.00
541	Santa Ana River	3-101-1E	3	4	Polygon 24	0	1	1	1	0	1	Bank Repair	0.16
542	Santa Ana River	3-101-1E	3	4	Polygon 24	0	1	1	1	0	1	Vegetation Management	0.10
543	Santa Ana River	3-101-1E	3	4	Polygon 27	1	1	1	1	0	0	Mechanized Land Clearing	0.16
544	Santa Ana River	3-101-1E	3	4	Polygon 27	1	1	1	1	0	0	Mechanized Land Clearing	0.05
546	Santa Ana River	3-101-1E	3	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.06
547	Santa Ana River	3-101-1E	3	4	Polygon 7	1	1	0	1	0	1	Mechanized Land Clearing	0.88
558	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Bank Repair	0.01
559	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Bank Repair	0.01
560	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Bank Repair	0.01
561	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Bank Repair	0.00
562	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Bank Repair	0.00
563	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Bank Repair	0.29
564	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Bank Repair	0.00
565	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Bank Repair	0.00
566	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Herbicide Vector Control	0.00
567	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Mechanized Land Clearing	0.00
568	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Mechanized Land Clearing	0.13
569	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Mechanized Land Clearing	0.02
570	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Mechanized Land Clearing	0.25
571	Santa Ana River	3-101-1E	3	5	Polygon 1	1	1	1	1	0	1	Vegetation Management	0.35
575	Santa Ana River	3-101-1E	3	5	Polygon 26	1	1	1	1	0	1	Bank Repair	0.00
576	Santa Ana River	3-101-1E	3	5	Polygon 26	1	1	1	1	0	1	Bank Repair	0.01
577	Santa Ana River	3-101-1E	3	5	Polygon 26	1	1	1	1	0	1	Herbicide Vector Control	0.00
578	Santa Ana River	3-101-1E	3	5	Polygon 26	1	1	1	1	0	1	Herbicide Vector Control	0.00
579	Santa Ana River	3-101-1E	3	5	Polygon 26	1	1	1	1	0	1	Ingress / Egress	0.00
580	Santa Ana River	3-101-1E	3	5	Polygon 26	1	1	1	1	0	1	Mechanized Land Clearing	0.02
589	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.01
590	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
591	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
592	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
593	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.08
594	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
595	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.05
596	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
597	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.00
598	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.01
599	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.00
600	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.00
601	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.01
602	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.00
603	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.00
604	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.15
605	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.06
606	Santa Ana River	3-101-1E	3	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.39
623	Santa Ana River (Incl. COE)	2-701-1A	2	3	Polygon 28	0	1	1	1	0	0	Bank Repair	0.65
624	Santa Ana River (Incl. COE)	2-701-1A	2	3	Polygon 28	0	1	1	1	0	0	Bank Repair	0.44
625	Santa Ana River (Incl. COE)	2-701-1A	2	3	Polygon 28	0	1	1	1	0	0	Herbicide Vector Control	0.00
626	Santa Ana River (Incl. COE)	2-701-1A	2	3	Polygon 28	0	1	1	1	0	0	Herbicide Vector Control	0.01
627	Santa Ana River (Incl. COE)	2-701-1A	2	3	Polygon 28	0	1	1	1	0	0	Mechanized Land Clearing	0.06
628	Santa Ana River (Incl. COE)	2-701-1A	2	3	Polygon 28	0	1	1	1	0	0	Mechanized Land Clearing	0.10
629	Santa Ana River (Incl. COE)	2-701-1A	2	3	Polygon 28	0	1	1	1	0	0	Vegetation Management	0.06
630	Santa Ana River (Incl. COE)	2-701-1A	2	3	Polygon 28	0	1	1	1	0	0	Vegetation Management	0.04
637	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 24	0	1	1	1	0	1	Bank Repair	0.16
638	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 24	0	1	1	1	0	1	Mechanized Land Clearing	0.20
639	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 24	0	1	1	1	0	1	Mechanized Land Clearing	0.00
640	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 24	0	1	1	1	0	1	Vegetation Management	0.09
647	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 27	1	1	1	1	0	0	Mechanized Land Clearing	0.00
648	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 27	1	1	1	1	0	0	Mechanized Land Clearing	0.62
649	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 27	1	1	1	1	0	0	Mechanized Land Clearing	0.01
650	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 27	1	1	1	1	0	0	Mechanized Land Clearing	0.13

651	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 27	1	1	1	1	0	0	Mechanized Land Clearing	0.11
653	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 7	1	1	0	1	0	1	Bank Repair	0.54
654	Santa Ana River (Incl. COE)	2-701-1A	2	4	Polygon 7	1	1	0	1	0	1	Vegetation Management	0.03
656	Santa Ana River (Incl. COE)	2-701-1A	2	5	Polygon 1	1	1	1	1	0	1	Mechanized Land Clearing	0.31
679	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.03
680	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.15
681	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.03
682	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.11
683	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.02
684	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.03
685	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.01
686	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.21
687	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.05
688	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.08
689	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
690	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.61
691	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.02
692	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.08
693	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.15
694	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.10
695	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.00
696	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.15
697	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.19
698	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.31
699	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.64
700	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.02
701	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.03
702	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.02
703	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.37
704	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.27
705	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.01
706	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.04
707	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.21
708	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.14
709	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.21
710	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.18
711	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.18
712	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	2.50
713	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.10
714	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.39
715	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.00
716	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.28
717	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.08

718	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.33
719	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Stock Pile Locations	0.01
720	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.00
721	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.02
722	Santa Ana River (Incl. COE)	2-701-1A	2	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.04
727	Santa Ana River (Incl. COE)	2-701-1B	2	5	Polygon 13	1	1	0	1	1	1	Fed Maintenance Layer	0.00
728	Santa Ana River (Incl. COE)	2-701-1B	2	5	Polygon 13	1	1	0	1	1	1	Fed Maintenance Layer	0.06
729	Santa Ana River (Incl. COE)	2-701-1B	2	5	Polygon 13	1	1	0	1	1	1	Mechanized Land Clearing	0.99
732	Santa Ana River (Incl. COE)	2-701-1B	2	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.00
733	Santa Ana River (Incl. COE)	2-701-1B	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.05
734	Santa Ana River (Incl. COE)	2-701-1B	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.52
735	Santa Ana River (Incl. COE)	2-701-1B	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	1.10
736	Santa Ana River (Incl. COE)	2-701-1B	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.01
742	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.01
743	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Bank Repair	0.08
744	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.03
745	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.19
746	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.02
747	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.01
748	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.00
749	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	1.63
750	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.09
751	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.00
752	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.05
753	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.01
754	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	1.91
755	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.00
756	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.23
757	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	0.33
758	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.04
759	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.00
760	Santa Ana River (Incl. COE)	3-101-1F	3	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	0.00
764	Small Canyon Diversion Channel	3-303-1A	3	0	slopes-no riparian	0	0	0	0	0	0	Herbicide Vector Control	0.00
765	Small Canyon Diversion Channel	3-303-1A	3	0	slopes-no riparian	0	0	0	0	0	0	Herbicide Vector Control	0.03
766	Small Canyon Diversion Channel	3-303-1A	3	0	slopes-no riparian	0	0	0	0	0	0	Ingress / Egress	0.00
767	Small Canyon Diversion Channel	3-303-1A	3	0	slopes-no riparian	0	0	0	0	0	0	Ingress / Egress	0.00
768	Small Canyon Diversion Channel	3-303-1A	3	0	slopes-no riparian	0	0	0	0	0	0	Ingress / Egress	0.00
769	South Badger Basin	2-356-4A	2	1	reg maintained	0	1	0	0	0	0	Fed Maintenance Layer	0.23
770	South Badger Basin	2-356-4A	2	1	reg maintained	0	1	0	0	0	0	Mechanized Land Clearing	0.21
771	Twin Creek	2-405-1A	2	3	Polygon 4	1	1	0	0	1	0	Mechanized Land Clearing	0.33
797	Twin Creek	2-405-1A	2	4	Polygon 22	1	0	1	1	1	0	Mechanized Land Clearing	2.00
799	Twin Creek Levees, COE	2-408-5B	2	0	recently maintained	0	0	0	0	0	0	Herbicide Vector Control	0.00
800	Twin Creek Levees, COE	2-408-5B	2	0	recently maintained	0	0	0	0	0	0	Herbicide Vector Control	0.00
801	Twin Creek Levees, COE	2-408-5B	2	0	recently maintained	0	0	0	0	0	0	Mechanized Land Clearing	0.53
802	Twin Creek Sprdg Grnds	2-406-2A	2	0	reg maintained	0	0	0	0	0	0	Mechanized Land Clearing	0.63

803	Upper Warm Creek Channel	2-501-1A	2	1		0	1	0	0	0	0	Bank Repair	0.01
804	Upper Warm Creek Channel	2-501-1A	2	1		0	1	0	0	0	0	Mechanized Land Clearing	0.04
805	Warm Creek, COE	2-411-1B	2	6	Polygon 2	1	1	1	1	1	1	Fed Maintenance Layer	0.12
806	Warm Creek, COE	2-411-1B	2	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.01
807	Warm Creek, COE	2-411-1B	2	6	Polygon 2	1	1	1	1	1	1	Mechanized Land Clearing	1.55
809	Waterman Basin #1	2-403-4A	2	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.00
810	Waterman Basin #1	2-403-4A	2	6	Polygon 2	1	1	1	1	1	1	Stock Pile Locations	0.08
811	Waterman Basin #1	2-403-4A	2	6	Polygon 2	1	1	1	1	1	1	Vegetation Management	1.57
812	Waterman Basin #2	2-403-4B	2	6	Polygon 2	1	1	1	1	1	1	Herbicide Vector Control	0.03
813	Waterman Basin #2	2-403-4B	2	6	Polygon 2	1	1	1	1	1	1	Ingress / Egress	0.00
820	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Herbicide Vector Control	0.00
821	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Herbicide Vector Control	0.03
822	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Herbicide Vector Control	0.00
823	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Ingress / Egress	0.00
824	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Ingress / Egress	0.00
825	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Ingress / Egress	0.00
826	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Ingress / Egress	0.00
827	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Ingress / Egress	0.00
828	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.03
829	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.00
830	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.01
831	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.00
832	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.03
833	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.01
834	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.02
835	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.01
836	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.00
837	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Mechanized Land Clearing	0.00
838	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Vegetation Management	0.26
839	Waterman Basin #3	2-403-4C	2	0		0	0	0	0	0	0	Vegetation Management	0.70
841	Waterman Basin #4	2-403-4D	2	0		0	0	0	0	0	0	Herbicide Vector Control	0.00
842	Waterman Basin #4	2-403-4D	2	0		0	0	0	0	0	0	Herbicide Vector Control	0.00
843	Waterman Basin #4	2-403-4D	2	0		0	0	0	0	0	0	Herbicide Vector Control	0.00
844	Waterman Basin #4	2-403-4D	2	0		0	0	0	0	0	0	Herbicide Vector Control	0.04
845	Waterman Basin #4	2-403-4D	2	0		0	0	0	0	0	0	Herbicide Vector Control	0.01
846	Waterman Basin #4	2-403-4D	2	0		0	0	0	0	0	0	Herbicide Vector Control	0.00
847	Waterman Basin #4	2-403-4D	2	0		0	0	0	0	0	0	Ingress / Egress	0.00
849	Waterman Creek	2-401-1A	2	4	Polygon 5	1	1	1	0	0	1	Herbicide Vector Control	0.00
850	Waterman Creek	2-401-1A	2	4	Polygon 5	1	1	1	0	0	1	Ingress / Egress	0.00
851	Waterman Creek	2-401-1A	2	4	Polygon 5	1	1	1	0	0	1	Mechanized Land Clearing	0.06
853	Waterman Levee, COE	2-408-5A	2	0	no riparian	0	0	0	0	0	0	Fed Maintenance Layer	0.05
859	Yucaipa Creek	3-613-1C	3	2		1	0	0	0	0	1	Mechanized Land Clearing	0.21
860	Yucaipa Creek	3-613-1C	3	2		1	0	0	0	0	1	Vegetation Management	0.15
861	Yucaipa Creek	3-613-1C	3	2		1	0	0	0	0	1	Vegetation Management	0.16

APPENDIX E

Desert Tortoise Classification Results

Name	Redbook_I	DTRank	JustifRank	LiveDETO	DTcarcass	DTburrow	DTscat	DTprints	OTHERNOTES	Acres	EMD_Op
Southwest Barstow Channel	4-501-1A	3	I8, C4, S5, U3, U4	N	DNE	N	N	DNE	schools north side; creosote scrub on south side; surveys show nothing; sandy soil unsuitable - utility activity	0.03	Fed Mainte
	4-501-1C									0.11	Fed Mainte
	4-501-1C									0.01	Fed Mainte
	4-501-1C									0.22	Fed Mainte
	4-501-1C									0.04	Fed Mainte
	4-501-1D									0.34	Fed Mainte
	4-501-1D									0.13	Fed Mainte
	4-501-1D									0.16	Fed Mainte
	4-501-1E									0.83	Fed Mainte
	4-501-1E									0.02	Fed Mainte
	4-501-1E									0.31	Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.15	Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.00	Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.24	Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	1.89	Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	2.30	Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.02	Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.00	Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	1.62	Fed Mainte
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.00	Fed Mainte
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.77	Fed Mainte
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.26	Fed Mainte
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.00	Fed Mainte
29 Palms Flood Channel	6-402-1B	4	S5, I7, I8	N	DNE	N	N	DNE	all housing commercial; no presence	0.05	Fed Mainte
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.00	Fed Mainte
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.01	Fed Mainte
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.77	Fed Mainte
Quail Wash Levee; COE	6-453-5A	2	C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.00	Fed Mainte
Quail Wash Levee; COE	6-453-5A	2	C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.05	Fed Mainte
Quail Wash Levee; COE	6-453-5A	2	C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.49	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.07	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.00	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.00	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.00	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.11	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.16	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	1.30	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.65	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	1.32	Fed Mainte
Needles "S" Street Channel COE	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	2.29	Fed Mainte
	6-603-1B									0.27	Fed Mainte
Eagle Pass Levee; COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.12	Fed Mainte
Eagle Pass Levee; COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.18	Fed Mainte
Eagle Pass Levee; COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.22	Fed Mainte
Eagle Pass Levee; COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.11	Fed Mainte
Eagle Pass Levee; COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	1.34	Fed Mainte
Eagle Pass Levee; COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.05	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.08	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.66	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.00	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.05	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.02	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.04	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.05	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.04	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.54	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.05	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.20	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.57	Fed Mainte

Argus Channel	6-802-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.09	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	4.51	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.04	Herbicide \
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.00	Ingress / Eg
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.01	Vegetation
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	1.37	Fed Mainte
"S" Street Channel Inlet Levee	6-603-5B	3	C4, U5, C6	N	DNE	N	N	DNE	creosote scrub; debris removal only from concrete channel; no maintenance on the levees	0.02	Vegetation
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.04	Fed Mainte
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.00	Herbicide \
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.04	Bank Repai
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.06	Fed Mainte
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.12	Herbicide \
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.00	Ingress / Eg
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.05	Herbicide \
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.01	Fed Mainte
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.04	Herbicide \
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.01	Ingress / Eg
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.00	Herbicide \
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.03	Herbicide \
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.00	Bank Repai
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.22	Herbicide \
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.02	Ingress / Eg
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.01	Bank Repai
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.11	Herbicide \
29 Palms Flood Channel	6-402-1A	3	S5, I8, C4	N	DNE	N	N	DNE	surveyed, but no presence ; commercial buildings, highway; small strip of cresote	0.02	Ingress / Eg
29 Palms Flood Channel	6-402-1B	4	S5, I7, I8	N	DNE	N	N	DNE	all housing commercial; no presence	0.02	Bank Repai
29 Palms Flood Channel	6-402-1B	4	S5, I7, I8	N	DNE	N	N	DNE	all housing commercial; no presence	0.03	Fed Mainte
29 Palms Flood Channel	6-402-1B	4	S5, I7, I8	N	DNE	N	N	DNE	all housing commercial; no presence	0.01	Herbicide \
29 Palms Flood Channel	6-402-1B	4	S5, I7, I8	N	DNE	N	N	DNE	all housing commercial; no presence	0.00	Ingress / Eg
29 Palms Flood Channel	6-402-1B	4	S5, I7, I8	N	DNE	N	N	DNE	all housing commercial; no presence	0.00	Mechanize
29 Palms Flood Channel	6-402-1C	4	C4, U3, S5, U1	N	DNE	N	N	DNE	creosote scrub, but sandy soil; no activity observed, unsuitable habitat	0.00	Herbicide \
29 Palms Flood Channel	6-402-1C	4	C4, U3, S5, U1	N	DNE	N	N	DNE	creosote scrub, but sandy soil; no activity observed, unsuitable habitat	0.01	Bank Repai
29 Palms Flood Channel	6-402-1C	4	C4, U3, S5, U1	N	DNE	N	N	DNE	creosote scrub, but sandy soil; no activity observed, unsuitable habitat	0.01	Herbicide \
29 Palms Flood Channel	6-402-1C	4	C4, U3, S5, U1	N	DNE	N	N	DNE	creosote scrub, but sandy soil; no activity observed, unsuitable habitat	0.00	Ingress / Eg
29 Palms Flood Channel	6-402-1C	4	C4, U3, S5, U1	N	DNE	N	N	DNE	creosote scrub, but sandy soil; no activity observed, unsuitable habitat	0.00	Mechanize
29 Palms Flood Channel	6-402-1C	4	C4, U3, S5, U1	N	DNE	N	N	DNE	creosote scrub, but sandy soil; no activity observed, unsuitable habitat	0.00	Bank Repai
29 Palms Flood Channel	6-402-1C	4	C4, U3, S5, U1	N	DNE	N	N	DNE	creosote scrub, but sandy soil; no activity observed, unsuitable habitat	0.20	Herbicide \
29 Palms Flood Channel	6-402-1C	4	C4, U3, S5, U1	N	DNE	N	N	DNE	creosote scrub, but sandy soil; no activity observed, unsuitable habitat	0.00	Herbicide \
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.07	Bank Repai
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.46	Herbicide \
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.00	Ingress / Eg
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.02	Bank Repai
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.04	Herbicide \
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.00	Ingress / Eg
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.02	Mechanize
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.08	Herbicide \
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.00	Herbicide \
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.04	Herbicide \
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.01	Ingress / Eg
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.03	Herbicide \
29 Palms Flood Channel	6-402-1D	2	S1, S5, M3, I4	N	DNE	N	Y	DNE	Joe Davis Dr to Amboy - high potential; surveyed none observed; scat at confluence w/ Pinto cove	0.00	Ingress / Eg

29 Palms Flood Channel	6-402-1E	3 I7, C4, S5	N	DNE	N	N	DNE	east side houseing; west/north creosote scrub on north side; negative surveys	0.25	Herbicide \
29 Palms Flood Channel	6-402-1E	3 I7, C4, S5	N	DNE	N	N	DNE	east side houseing; west/north creosote scrub on north side; negative surveys	0.01	Ingress / Eg
49 Palms Spreading Grounds	6-401-2A	1 C2, C3, S1	Y	DNE	Y	Y	Y	Occupied per surveys; regularly monitored; observed tortoise; vegetated	0.11	Bank Repai
49 Palms Spreading Grounds	6-401-2A	1 C2, C3, S1	Y	DNE	Y	Y	Y	Occupied per surveys; regularly monitored; observed tortoise; vegetated	1.26	Herbicide \
49 Palms Spreading Grounds	6-401-2A	1 C2, C3, S1	Y	DNE	Y	Y	Y	Occupied per surveys; regularly monitored; observed tortoise; vegetated	0.00	Ingress / Eg
49 Palms Spreading Grounds	6-401-2A	1 C2, C3, S1	Y	DNE	Y	Y	Y	Occupied per surveys; regularly monitored; observed tortoise; vegetated	8.73	Mechanize
49 Palms Spreading Grounds	6-401-2A	1 C2, C3, S1	Y	DNE	Y	Y	Y	Occupied per surveys; regularly monitored; observed tortoise; vegetated	23.96	Stock Pile L
Adelanto East Channel	4-355-1A	4 I7	N	DNE	N	N	DNE	adjacent residential	0.57	Mechanize
Adelanto East Channel	4-355-1A	4 I7	N	DNE	N	N	DNE	adjacent residential	0.52	Mechanize
Adelanto East Channel	4-355-1A	4 I7	N	DNE	N	N	DNE	adjacent residential	0.21	Mechanize
Adelanto East Channel	4-355-1A	4 I7	N	DNE	N	N	DNE	adjacent residential	0.51	Mechanize
Adelanto East Channel	4-355-1A	4 I7	N	DNE	N	N	DNE	adjacent residential	0.54	Mechanize
Adelanto East Channel	4-355-1A	4 I7	N	DNE	N	N	DNE	adjacent residential	0.41	Mechanize
Antelope Creek Wash	4-103-1A	4 I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	0.08	Stock Pile L
Antelope Creek Wash	4-103-1A	4 I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	0.03	Herbicide \
Antelope Creek Wash	4-103-1A	4 I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	0.02	Ingress / Eg
Antelope Creek Wash	4-103-1A	4 I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	0.02	Herbicide \
Antelope Creek Wash	4-103-1A	4 I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	0.11	Ingress / Eg
Argus Channel	6-802-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.14	Bank Repai
Argus Channel	6-802-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	3.61	Fed Mainte
Argus Channel	6-802-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.15	Herbicide \
Argus Channel	6-802-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.00	Ingress / Eg
Arrowhead Channel	4-503-1A	4 U2, I7, M5	N	DNE	N	N	DNE	no appropriate vegeation, too much residential ATC activity,	0.03	Herbicide \
Arrowhead Channel	4-503-1A	4 U2, I7, M5	N	DNE	N	N	DNE	no appropriate vegeation, too much residential ATC activity,	0.00	Ingress / Eg
Arrowhead Channel	4-503-1A	4 U2, I7, M5	N	DNE	N	N	DNE	no appropriate vegeation, too much residential ATC activity,	0.08	Mechanize
Baker Levee	4-802-5A	4 I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.78	Bank Repai
Baker Levee	4-802-5A	4 I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	1.40	Herbicide \
Baker Levee	4-802-5A	4 I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.02	Ingress / Eg
Baker Levee	4-802-5A	4 I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	9.69	Mechanize
Baker Levee	4-802-5A	4 I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	3.09	Stock Pile L
Borosolvay Channel	6-805-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.00	Herbicide \
Borosolvay Channel	6-805-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.04	Herbicide \
Borosolvay Channel	6-805-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.00	Ingress / Eg
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.47	Bank Repai
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.48	Herbicide \
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.01	Ingress / Eg
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.28	Mechanize
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.01	Bank Repai
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.08	Herbicide \
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.01	Ingress / Eg
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.06	Bank Repai
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.28	Herbicide \
Borosolvay Channel	6-805-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.01	Ingress / Eg
Buckthorn Wash	4-107-1A	4 I2, U3	N	DNE	N	N	DNE	No habitat due to denuded condition; unsuitable soils	0.02	Herbicide \
Buckthorn Wash	4-107-1A	4 I2, U3	N	DNE	N	N	DNE	No habitat due to denuded condition; unsuitable soils	0.00	Ingress / Eg
Buckthorn Wash	4-107-1A	4 I2, U3	N	DNE	N	N	DNE	No habitat due to denuded condition; unsuitable soils	0.51	Herbicide \
Buckthorn Wash	4-107-1A	4 I2, U3	N	DNE	N	N	DNE	No habitat due to denuded condition; unsuitable soils	0.24	Mechanize
Buckthorn Wash	4-107-1C	1 I7; C1, C3, S4; C4	Y	DNE	Y	Y	DNE	Housing area no habitat; critical above housing area, evidence of habitation, tortise observed in area; burrows, tortise scat present; creosote bush scrub; Always monitor; always conduct pre-construciton surveys	0.76	Herbicide \

Buckthorn Wash	4-107-1C	1	I7; C1, C3, S4; C4	Y	DNE	Y	Y	DNE	Housing area no habitat; critical above housing area, evidence of habitation, tortise observed in area; burrows, tortise scat present; creosote bush scrub; Always monitor; always conduct pre-construciton surveys	0.03	Herbicide \
Buckthorn Wash	4-107-1C	1	I7; C1, C3, S4; C4	Y	DNE	Y	Y	DNE	Housing area no habitat; critical above housing area, evidence of habitation, tortise observed in area; burrows, tortise scat present; creosote bush scrub; Always monitor; always conduct pre-construciton surveys	0.00	Ingress / Eg
Burnt Mountain Wash	6-459-1A	4	U3, I8, U7, U8, U6	N	DNE	DNE	DNE	DNE	Sandy soil, airport, residential commercial; heavily impacted area	0.01	Herbicide \
Burnt Mountain Wash	6-459-1A	4	U3, I8, U7, U8, U6	N	DNE	DNE	DNE	DNE	Sandy soil, airport, residential commercial; heavily impacted area	0.01	Ingress / Eg
Burnt Mountain Wash	6-459-1B									0.00	Ingress / Eg
Cemetery Channel	6-806-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.03	Mechanize
Covington Wash Channel	6-457-1A	3	S1, NS	N	DNE	DNE	DNE	DNE	No surveys performed, but looks to be suitable habitat	2.61	Bank Repai
Covington Wash Channel	6-457-1A	3	S1, NS	N	DNE	DNE	DNE	DNE	No surveys performed, but looks to be suitable habitat	1.81	Herbicide \
Covington Wash Channel	6-457-1A	3	S1, NS	N	DNE	DNE	DNE	DNE	No surveys performed, but looks to be suitable habitat	0.16	Ingress / Eg
Covington Wash Channel	6-457-1A	3	S1, NS	N	DNE	DNE	DNE	DNE	No surveys performed, but looks to be suitable habitat	2.96	Mechanize
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.36	Bank Repai
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.01	Herbicide \
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.00	Ingress / Eg
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.43	Mechanize
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.02	Herbicide \
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.01	Ingress / Eg
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.74	Bank Repai
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.11	Herbicide \
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.00	Ingress / Eg
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	1.03	Mechanize
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.11	Bank Repai
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.00	Herbicide \
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.01	Mechanize
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.01	Bank Repai
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.03	Bank Repai
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.04	Herbicide \
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.00	Ingress / Eg
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.02	Mechanize
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	2.79	Bank Repai
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	3.57	Herbicide \
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	0.12	Ingress / Eg
Daggett Channel	4-710-1A	3	I7, C4, S5, I7, U1,	N	DNE	N	N	DNE	39 to NTH on west side housing; n/o A street creosote present, but no observed tortoise; n/o NTH RR tracks abut on west; old ag on east; no habitat	1.41	Mechanize
Daggett Channel	4-710-1B	3	I7, C4, S5, M1	N	DNE	N	N	DNE	east side housing; west side creosote scrubb; nothing observed, but good potential	0.40	Herbicide \
Daggett Channel	4-710-1B	3	I7, C4, S5, M1	N	DNE	N	N	DNE	east side housing; west side creosote scrubb; nothing observed, but good potential	0.00	Ingress / Eg
Daggett Channel	4-710-1B	3	I7, C4, S5, M1	N	DNE	N	N	DNE	east side housing; west side creosote scrubb; nothing observed, but good potential	0.29	Bank Repai
Daggett Channel	4-710-1B	3	I7, C4, S5, M1	N	DNE	N	N	DNE	east side housing; west side creosote scrubb; nothing observed, but good potential	0.14	Herbicide \
Daggett Channel	4-710-1B	3	I7, C4, S5, M1	N	DNE	N	N	DNE	east side housing; west side creosote scrubb; nothing observed, but good potential	0.01	Ingress / Eg
Daggett Channel	4-710-1B	3	I7, C4, S5, M1	N	DNE	N	N	DNE	east side housing; west side creosote scrubb; nothing observed, but good potential	1.39	Mechanize

Dean Wash Channel	4-504-1B	2	C2, S1, S3, I8, C3	Y	DNE	A	A	DNE	main to armory unsuitable; rimrock road to armory dt observed on east side only; good habitat observed; monitoring conducted; sparse human habitation; some industrial influence. DTEO burows on eastern dry slope	0.00	Herbicide \
Dean Wash Channel	4-504-1B	2	C2, S1, S3, I8, C3	Y	DNE	A	A	DNE	main to armory unsuitable; rimrock road to armory dt observed on east side only; good habitat observed; monitoring conducted; sparse human habitation; some industrial influence. DTEO burows on eastern dry slope	0.00	Herbicide \
Dean Wash Channel	4-504-1B	2	C2, S1, S3, I8, C3	Y	DNE	A	A	DNE	main to armory unsuitable; rimrock road to armory dt observed on east side only; good habitat observed; monitoring conducted; sparse human habitation; some industrial influence. DTEO burows on eastern dry slope	0.00	Ingress / Eg
Dean Wash Channel	4-504-1C	1	C1, C2	Y	DNE	Y	Y	Y	upstream of rimrock; DT observed in burrows and out walking	0.40	Mechanize
Desert Knolls Wash	4-201-1A	3	C4; I3; I5; I8, I6, U	N	DNE	N	N	DNE	Some creosote scrub on north side of channel; no DT observed; area too small to support population; commercial development adjacent to north area, residential, school; concrete lined no habitat	0.01	Stock Pile L
Desert Knolls Wash	4-201-1A	3	C4; I3; I5; I8, I6, U	N	DNE	N	N	DNE	Some creosote scrub on north side of channel; no DT observed; area too small to support population; commercial development adjacent to north area, residential, school; concrete lined no habitat	0.07	Herbicide \
Desert Knolls Wash	4-201-1A	3	C4; I3; I5; I8, I6, U	N	DNE	N	N	DNE	Some creosote scrub on north side of channel; no DT observed; area too small to support population; commercial development adjacent to north area, residential, school; concrete lined no habitat	0.00	Ingress / Eg
Desert Knolls Wash	4-201-1A	3	C4; I3; I5; I8, I6, U	N	DNE	N	N	DNE	Some creosote scrub on north side of channel; no DT observed; area too small to support population; commercial development adjacent to north area, residential, school; concrete lined no habitat	0.14	Bank Repai
Desert Knolls Wash	4-201-1A	3	C4; I3; I5; I8, I6, U	N	DNE	N	N	DNE	Some creosote scrub on north side of channel; no DT observed; area too small to support population; commercial development adjacent to north area, residential, school; concrete lined no habitat	0.07	Herbicide \
Desert Knolls Wash	4-201-1A	3	C4; I3; I5; I8, I6, U	N	DNE	N	N	DNE	Some creosote scrub on north side of channel; no DT observed; area too small to support population; commercial development adjacent to north area, residential, school; concrete lined no habitat	0.00	Ingress / Eg
Desert Knolls Wash	4-201-1A	3	C4; I3; I5; I8, I6, U	N	DNE	N	N	DNE	Some creosote scrub on north side of channel; no DT observed; area too small to support population; commercial development adjacent to north area, residential, school; concrete lined no habitat	0.24	Mechanize
Desert Knolls Wash	4-201-1B	4	I6, I7	N	DNE	N	N	DNE	commercial and residential activities adjacent	0.02	Mechanize
Desert Knolls Wash	4-201-1B	4	I6, I7	N	DNE	N	N	DNE	commercial and residential activities adjacent	0.00	Herbicide \
Desert Knolls Wash	4-201-1B	4	I6, I7	N	DNE	N	N	DNE	commercial and residential activities adjacent	0.00	Ingress / Eg
Desert Knolls Wash	4-201-1B	4	I6, I7	N	DNE	N	N	DNE	commercial and residential activities adjacent	0.22	Mechanize
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.10	Fed Mainte
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.07	Fed Mainte
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.19	Herbicide \
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.01	Ingress / Eg
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.00	Mechanize
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.05	Fed Mainte
Donnell Basin	6-402-4A	4	I2, U4	N	DNE	N	N	DNE	barren, highly disturbed	0.01	Fed Mainte
Eagle Pass Levee, COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.07	Fed Mainte
Eagle Pass Levee, COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.03	Herbicide \
Eagle Pass Levee, COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.00	Ingress / Eg
Eagle Pass Levee, COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	1.44	Fed Mainte
Eagle Pass Levee, COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.16	Herbicide \
Eagle Pass Levee, COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.01	Ingress / Eg
Eagle Pass Levee, COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.44	Fed Mainte
Eagle Pass Levee, COE	6-603-5A	1	C1, S2, S1	N	DNE	N	N	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.32	Fed Mainte
East Baker Channel	4-801-1A	4	I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.11	Bank Repai
East Baker Channel	4-801-1A	4	I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.52	Herbicide \
East Baker Channel	4-801-1A	4	I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.02	Ingress / Eg
East Baker Channel	4-801-1A	4	I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.04	Mechanize
East Baker Channel	4-801-1A	4	I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.00	Bank Repai
East Baker Channel	4-801-1A	4	I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.03	Herbicide \
East Baker Channel	4-801-1A	4	I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.00	Ingress / Eg
East Baker Channel	4-801-1A	4	I2, S5, U3	N	DNE	N	N	DNE	nothing alive area, but tumbleweeds; no animal activity observed; bad soil	0.01	Mechanize
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.02	Mechanize
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.81	Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.32	Mechanize
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.99	Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.03	Mechanize
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.49	Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.15	Mechanize
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.08	Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.02	Mechanize
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.27	Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.00	Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.15	Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.00	Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.00	Bank Repai

El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.02 Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.31 Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.02 Mechanize
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.65 Bank Repai
El Evado Channel	4-405-1A	4	S3, C4, I5	N	DNE	N	N	DNE	El Evado to end; intermittent housing with vacant lots having creosote; not suitable, too small residential lots	0.03 Mechanize
Fremont Wash	4-108-1B	1	S1, I7, M3	N	DNE	A	A	DNE	Short stretch at western end beyond housing is suitable, tortoise burrows scat ring area; monitoring required	0.00 Herbicide \
Fremont Wash	4-108-1B	1	S1, I7, M3	N	DNE	A	A	DNE	Short stretch at western end beyond housing is suitable, tortoise burrows scat ring area; monitoring required	0.00 Ingress / Eg
Fremont Wash	4-108-1B	1	S1, I7, M3	N	DNE	A	A	DNE	Short stretch at western end beyond housing is suitable, tortoise burrows scat ring area; monitoring required	0.05 Bank Repai
Fremont Wash	4-108-1B	1	S1, I7, M3	N	DNE	A	A	DNE	Short stretch at western end beyond housing is suitable, tortoise burrows scat ring area; monitoring required	0.23 Herbicide \
Fremont Wash	4-108-1B	1	S1, I7, M3	N	DNE	A	A	DNE	Short stretch at western end beyond housing is suitable, tortoise burrows scat ring area; monitoring required	0.01 Ingress / Eg
Fremont Wash	4-108-1B	1	S1, I7, M3	N	DNE	A	A	DNE	Short stretch at western end beyond housing is suitable, tortoise burrows scat ring area; monitoring required	0.04 Stock Pile L
Fremont Wash	4-108-1B	1	S1, I7, M3	N	DNE	A	A	DNE	Short stretch at western end beyond housing is suitable, tortoise burrows scat ring area; monitoring required	0.13 Bank Repai
Fremont Wash	4-108-1B	1	S1, I7, M3	N	DNE	A	A	DNE	Short stretch at western end beyond housing is suitable, tortoise burrows scat ring area; monitoring required	0.44 Herbicide \
Fremont Wash	4-108-1B	1	S1, I7, M3	N	DNE	A	A	DNE	Short stretch at western end beyond housing is suitable, tortoise burrows scat ring area; monitoring required	0.00 Ingress / Eg
Hesperia East Channel	4-452-1A	4	I7,U2	N	DNE	N	N	DNE	residential, no suitable vegetation	0.18 Vegetation
Hesperia East Channel	4-452-1B									0.05 Bank Repai
Hesperia East Channel	4-452-1B									0.00 Mechanize
Hesperia East Channel	4-452-1B									0.14 Bank Repai
High School Channel	6-458-1B	4	I7, I8	N	DNE	DNE	DNE	DNE	between trailer park, school	0.00 Herbicide \
High School Channel	6-458-1B	4	I7, I8	N	DNE	DNE	DNE	DNE	between trailer park, school	0.03 Herbicide \
Hospital Channel	6-458-1A	4	I7, S5	N	DNE	N	N	DNE	trailer park, housing; surveys show no presence	0.01 Herbicide \
Hospital Channel	6-458-1A	4	I7, S5	N	DNE	N	N	DNE	trailer park, housing; surveys show no presence	0.01 Herbicide \
Hospital Channel	6-458-1A	4	I7, S5	N	DNE	N	N	DNE	trailer park, housing; surveys show no presence	0.00 Ingress / Eg
Hospital Channel	6-458-1A	4	I7, S5	N	DNE	N	N	DNE	trailer park, housing; surveys show no presence	0.00 Bank Repai
Hospital Channel	6-458-1A	4	I7, S5	N	DNE	N	N	DNE	trailer park, housing; surveys show no presence	0.17 Herbicide \
Hospital Channel	6-458-1A	4	I7, S5	N	DNE	N	N	DNE	trailer park, housing; surveys show no presence	0.00 Ingress / Eg
Juanita Drainage Ditch	6-401-1A	4	I7, I8, U6, S5	N	DNE	N	N	DNE	housing/ shoppig center; too much activity no presence; monitored in conjunction w/ 49palms Spr grnds	0.12 Bank Repai
Juanita Drainage Ditch	6-401-1A	4	I7, I8, U6, S5	N	DNE	N	N	DNE	housing/ shoppig center; too much activity no presence; monitored in conjunction w/ 49palms Spr grnds	0.12 Herbicide \
Juanita Drainage Ditch	6-401-1A	4	I7, I8, U6, S5	N	DNE	N	N	DNE	housing/ shoppig center; too much activity no presence; monitored in conjunction w/ 49palms Spr grnds	0.01 Ingress / Eg
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.00 Herbicide \
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.07 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	6.36 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.57 Herbicide \
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.03 Ingress / Eg
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.00 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.20 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	1.27 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.00 Bank Repai
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	2.03 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.00 Mechanize
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.93 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.12 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.01 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	1.62 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	1.49 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.00 Mechanize
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.00 Fed Mainte
Lenwood Channel	4-601-1A	2	C1, C4, S5	N	DNE	N	N	DNE	nothing to Main; Desert View to spreading grounds assumed to be occupied; surveys negative; lots of creosote vegetation	0.00 Herbicide \
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.52 Fed Mainte
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.24 Herbicide \
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.02 Ingress / Eg
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.01 Fed Mainte
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.44 Fed Mainte
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	2.16 Fed Mainte
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.03 Mechanize
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	2.41 Fed Mainte
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.15 Herbicide \
Lenwood Channel	4-601-1B	4	U1, U3, S5	N	DNE	N	N	DNE	nothing sand dunes; surveys all negative	0.05 Ingress / Eg
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	0.22 Herbicide \
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	0.00 Ingress / Eg
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	0.02 Stock Pile L
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	0.10 Herbicide \

Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	0.01	Ingress / Eg
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	4.02	Mechanize
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	0.01	Stock Pile L
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	0.69	Fed Mainte
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	10.67	Herbicide \
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	0.29	Ingress / Eg
Lenwood Spreading Grounds	4-602-2A	1	C2	Y	DNE	Y	Y	DNE	Occupied per surveys; regularly monitored	#####	Mechanize
Long Canyon Basin	6-485-4A	0	NS, C6	N	DNE	DNE	DNE	DNE	No maintenance record; no surveys conducted	0.00	Vegetation
Long Canyon Basin	6-485-4A	0	NS, C6	N	DNE	DNE	DNE	DNE	No maintenance record; no surveys conducted	0.08	Herbicide \
Long Canyon Basin	6-485-4A	0	NS, C6	N	DNE	DNE	DNE	DNE	No maintenance record; no surveys conducted	0.00	Ingress / Eg
Long Canyon Channel	6-456-1A	4	I8, I7, I2, I3	N	DNE	N	N	DNE	Schools, housing, trailer park surrounding; no DT activity or vegetation observed	0.01	Bank Repai
Long Canyon Channel	6-456-1A	4	I8, I7, I2, I3	N	DNE	N	N	DNE	Schools, housing, trailer park surrounding; no DT activity or vegetation observed	0.04	Herbicide \
Long Canyon Channel	6-456-1A	4	I8, I7, I2, I3	N	DNE	N	N	DNE	Schools, housing, trailer park surrounding; no DT activity or vegetation observed	0.00	Ingress / Eg
Long Canyon Channel	6-456-1A	4	I8, I7, I2, I3	N	DNE	N	N	DNE	Schools, housing, trailer park surrounding; no DT activity or vegetation observed	0.00	Bank Repai
Long Canyon Channel	6-456-1A	4	I8, I7, I2, I3	N	DNE	N	N	DNE	Schools, housing, trailer park surrounding; no DT activity or vegetation observed	0.02	Herbicide \
Long Canyon Channel	6-456-1A	4	I8, I7, I2, I3	N	DNE	N	N	DNE	Schools, housing, trailer park surrounding; no DT activity or vegetation observed	0.00	Ingress / Eg
Lucerne Valley Channel	6-301-1B									0.88	Bank Repai
Lucerne Valley Channel	6-301-1B									0.02	Herbicide \
Lucerne Valley Channel	6-301-1B									0.03	Ingress / Eg
Lucerne Valley Channel	6-301-1B									0.43	Mechanize
Lucerne Valley Channel	6-301-1B									0.01	Herbicide \
Lucerne Valley Channel	6-301-1B									0.00	Ingress / Eg
Lucerne Valley Channel	6-301-1B									0.00	Bank Repai
Lucerne Valley Channel	6-301-1B									0.04	Herbicide \
Lucerne Valley Channel	6-301-1B									0.00	Ingress / Eg
Lucerne Valley Channel	6-301-1B									0.07	Herbicide \
Lucerne Valley Channel	6-301-1B									0.00	Ingress / Eg
Lucerne Valley Channel	6-301-1B									0.04	Herbicide \
Lucerne Valley Channel	6-301-1B									0.02	Ingress / Eg
Lucerne Valley Channel	6-301-1B									0.04	Mechanize
Lucerne Valley Channel	6-301-1B									0.20	Herbicide \
Lucerne Valley Channel	6-301-1B									0.01	Ingress / Eg
Lucerne Valley Channel	6-301-1D									0.02	Mechanize
Lucerne Valley Channel	6-301-1D									0.01	Bank Repai
Lucerne Valley Channel	6-301-1D									0.11	Herbicide \
Lucerne Valley Channel	6-301-1D									0.02	Ingress / Eg
Lucerne Valley Channel	6-301-1D									0.06	Bank Repai
Lucerne Valley Channel	6-301-1D									0.53	Herbicide \
Lucerne Valley Channel	6-301-1D									0.08	Ingress / Eg
Lucerne Valley Channel	6-301-1D									0.11	Stock Pile L
Lucerne Valley Channel	6-301-1D									0.01	Herbicide \
Lucerne Valley Channel	6-301-1D									0.00	Ingress / Eg
Mojave Drive Channel	4-402-1B	4	I6, I4, U6	N	DNE	N	N	DNE	chain link fencing prevents access; adjacent areas may have suitable habitat, but lots of human activity, and we don't survey outside of ROW	0.19	Herbicide \
Mojave Drive Channel	4-402-1B	4	I6, I4, U6	N	DNE	N	N	DNE	chain link fencing prevents access; adjacent areas may have suitable habitat, but lots of human activity, and we don't survey outside of ROW	0.04	Ingress / Eg
Mojave River	4-101-1C	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	8.03	Bank Repai
Mojave River	4-101-1C	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	1.19	Herbicide \
Mojave River	4-101-1C	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.89	Ingress / Eg
Mojave River	4-101-1C	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	#####	Mechanize
Mojave River	4-101-1C	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	1.74	Stock Pile L
Mojave River	4-101-1C	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	28.52	Vegetation
Mojave River	4-101-1D	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.22	Mechanize
Mojave River	4-101-1D	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	13.62	Bank Repai
Mojave River	4-101-1D	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	6.56	Herbicide \
Mojave River	4-101-1D	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.52	Ingress / Eg
Mojave River	4-101-1D	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	76.50	Mechanize
Mojave River	4-101-1E	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	10.52	Bank Repai
Mojave River	4-101-1E	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	5.11	Herbicide \
Mojave River	4-101-1E	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.34	Ingress / Eg
Mojave River	4-101-1E	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	38.07	Mechanize
Mojave River	4-101-1E	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.07	Herbicide \
Mojave River	4-101-1E	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.00	Ingress / Eg
Mojave River	4-101-1E	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.03	Mechanize
Mojave River	4-101-1F	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.77	Bank Repai
Mojave River	4-101-1F	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.21	Herbicide \
Mojave River	4-101-1F	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.00	Ingress / Eg
Mojave River	4-101-1F	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	15.72	Mechanize
Mojave River	4-101-1F	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.09	Herbicide \
Mojave River	4-101-1F	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.00	Bank Repai
Mojave River	4-101-1F	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	10.86	Mechanize
Mojave River	4-101-1F	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	2.18	Mechanize
Mojave River	4-101-1F	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.47	Bank Repai
Mojave River	4-101-1G	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	10.53	Bank Repai
Mojave River	4-101-1G	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	32.67	Mechanize
Mojave River	4-101-1H	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.00	Bank Repai
Mojave River	4-101-1H	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.21	Bank Repai
Mojave River	4-101-1I	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.61	Bank Repai
Mojave River	4-101-1I	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	7.69	Bank Repai
Mojave River	4-101-1I	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	56.23	Mechanize
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	2.25	Bank Repai
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	1.92	Bank Repai
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	9.67	Bank Repai
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	69.40	Mechanize
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.22	Bank Repai
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	12.31	Bank Repai
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	30.91	Mechanize
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	2.52	Stock Pile L
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	5.54	Bank Repai
Mojave River	4-101-1J	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	20.44	Mechanize

Mojave River	4-101-1K	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.22 Herbicide \
Mojave River	4-101-1K	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	27.79 Bank Repai
Mojave River	4-101-1K	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	6.33 Herbicide \
Mojave River	4-101-1K	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.05 Ingress / Eg
Mojave River	4-101-1K	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	##### Mechanize
Mojave River	4-101-1K	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.00 Bank Repai
Mojave River	4-101-1K	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.29 Herbicide \
Mojave River	4-101-1K	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.01 Ingress / Eg
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	10.96 Bank Repai
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	1.86 Herbicide \
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.03 Ingress / Eg
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	26.15 Mechanize
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.00 Herbicide \
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.00 Ingress / Eg
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	32.76 Bank Repai
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	7.77 Herbicide \
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.23 Ingress / Eg
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	69.37 Mechanize
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.01 Stock Pile L
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.02 Herbicide \
Mojave River	4-101-1L	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.00 Ingress / Eg
Mojave River	4-101-1M	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	8.23 Mechanize
Mojave River	4-101-1M	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	5.22 Bank Repai
Mojave River	4-101-1M	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	41.58 Mechanize
Mojave River	4-101-1M	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.00 Stock Pile L
Mojave River	4-101-1M	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	5.64 Bank Repai
Mojave River	4-101-1M	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	16.69 Mechanize
Mojave River	4-101-1M	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	0.58 Bank Repai
Mojave River	4-101-1M	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	10.32 Bank Repai
Mojave River	4-101-1M	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	31.31 Mechanize
Mojave River	4-101-1N	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	8.24 Bank Repai
Mojave River	4-101-1N	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	22.76 Mechanize
Mojave River	4-101-1N	4	U3, I4	N	DNE	N	N	DNE	River may be used by DT as route across river, but not as habitat	2.99 Mechanize
Mojave River	4-101-1O									2.99 Mechanize
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.00 Fed Mainte
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.01 Mechanize
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.35 Fed Mainte
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.00 Mechanize
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.08 Fed Mainte
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.02 Herbicide \
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.00 Ingress / Eg
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.10 Fed Mainte
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.10 Herbicide \
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.04 Fed Mainte
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.01 Herbicide \
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.00 Ingress / Eg
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.35 Fed Mainte
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.19 Herbicide \
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.00 Ingress / Eg
Needles	6-603-1A	4	U1, U5	N	DNE	N	N	DNE	Concrete lined; no potential	0.00 Mechanize
Needles Basin #1	6-602-4A	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.00 Bank Repai
Needles Basin #1	6-602-4A	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.03 Herbicide \
Needles Basin #1	6-602-4A	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	10.94 Mechanize
Needles Basin #1	6-602-4A	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.04 Vegetation
Needles Basin #2	6-602-4B	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.01 Bank Repai
Needles Basin #2	6-602-4B	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.03 Ingress / Eg
Needles Basin #2	6-602-4B	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	5.81 Mechanize
Needles Basin #2	6-602-4B	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.00 Vegetation
Needles Basin #3	6-602-4C	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.00 Bank Repai
Needles Basin #3	6-602-4C	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.00 Ingress / Eg
Needles Basin #3	6-602-4C	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	6.34 Mechanize
Needles Basin #3	6-602-4C	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.01 Vegetation
Needles Basin #4	6-602-4D	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.35 Mechanize
Needles Basin #4	6-602-4D	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.01 Bank Repai
Needles Basin #4	6-602-4D	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.08 Herbicide \
Needles Basin #4	6-602-4D	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.04 Ingress / Eg
Needles Basin #4	6-602-4D	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	8.20 Mechanize
Needles Basin #4	6-602-4D	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.22 Vegetation
Needles Basin #5	6-602-4E	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.34 Mechanize
Needles Basin #5	6-602-4E	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	0.01 Mechanize
Needles Basin #5	6-602-4E	2	S1, C4, M3, C6	N	DNE	N	N	DNE	high potential; creosote scrub, burrows, no signs of recent use; no activity by maintenance in basin	8.66 Mechanize
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.02 Bank Repai
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.02 Herbicide \
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.02 Ingress / Eg
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.07 Mechanize
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.01 Vegetation
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.36 Herbicide \

Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.00	Ingress / Eg
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.18	Vegetation
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.00	Herbicide \
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.00	Ingress / Eg
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	2.74	Mechanize
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.06	Vegetation
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	1.41	Mechanize
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.00	Bank Repai
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.03	Herbicide \
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.06	Ingress / Eg
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	3.13	Mechanize
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.02	Vegetation
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.02	Bank Repai
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.01	Ingress / Eg
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.13	Mechanize
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.06	Bank Repai
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.24	Herbicide \
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.03	Ingress / Eg
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	10.69	Mechanize
Needles Flood Channel	6-601-1A	4	I1, I7	N	DNE	N	N	DNE	Intermitant habitat, but too much development for presence.	0.52	Vegetation
Needles Riverview Levee	6-608-5A	1	C1, M2, S1	N	Y	Y	DNE	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.15	Bank Repai
Needles Riverview Levee	6-608-5A	1	C1, M2, S1	N	Y	Y	DNE	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.09	Bank Repai
Needles Riverview Levee	6-608-5A	1	C1, M2, S1	N	Y	Y	DNE	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.01	Vegetation
Needles Riverview Levee	6-608-5A	1	C1, M2, S1	N	Y	Y	DNE	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.00	Bank Repai
Needles Riverview Levee	6-608-5A	1	C1, M2, S1	N	Y	Y	DNE	DNE	Exepct tortoise in area; maintain levee top; suitable habitat;	0.02	Bank Repai
North Barstow Channel	4-502-1A	3	U3, I7, I4, C4, C5,	Y	DNE	A	A	DNE	Always monitor u/s 58 to u/s end of channel; Sand dunes, housing lower end; observed on northwest section of upper curve, creosote scrub; water spreding due to dust control and school irrigation attractive to tortoise. Federal critical habitat. No habita	0.94	Bank Repai
North Barstow Channel	4-502-1A	3	U3, I7, I4, C4, C5,	Y	DNE	A	A	DNE	Always monitor u/s 58 to u/s end of channel; Sand dunes, housing lower end; observed on northwest section of upper curve, creosote scrub; water spreding due to dust control and school irrigation attractive to tortoise. Federal critical habitat. No habita	1.51	Mechanize
North Barstow Channel	4-502-1A	3	U3, I7, I4, C4, C5,	Y	DNE	A	A	DNE	Always monitor u/s 58 to u/s end of channel; Sand dunes, housing lower end; observed on northwest section of upper curve, creosote scrub; water spreding due to dust control and school irrigation attractive to tortoise. Federal critical habitat. No habita	0.15	Bank Repai
North Barstow Channel	4-502-1A	3	U3, I7, I4, C4, C5,	Y	DNE	A	A	DNE	Always monitor u/s 58 to u/s end of channel; Sand dunes, housing lower end; observed on northwest section of upper curve, creosote scrub; water spreding due to dust control and school irrigation attractive to tortoise. Federal critical habitat. No habita	0.58	Herbicide \
North Barstow Channel	4-502-1A	3	U3, I7, I4, C4, C5,	Y	DNE	A	A	DNE	Always monitor u/s 58 to u/s end of channel; Sand dunes, housing lower end; observed on northwest section of upper curve, creosote scrub; water spreding due to dust control and school irrigation attractive to tortoise. Federal critical habitat. No habita	0.01	Ingress / Eg
North Barstow Channel	4-502-1A	3	U3, I7, I4, C4, C5,	Y	DNE	A	A	DNE	Always monitor u/s 58 to u/s end of channel; Sand dunes, housing lower end; observed on northwest section of upper curve, creosote scrub; water spreding due to dust control and school irrigation attractive to tortoise. Federal critical habitat. No habita	0.01	Herbicide \
North Barstow Channel	4-502-1A	3	U3, I7, I4, C4, C5,	Y	DNE	A	A	DNE	Always monitor u/s 58 to u/s end of channel; Sand dunes, housing lower end; observed on northwest section of upper curve, creosote scrub; water spreding due to dust control and school irrigation attractive to tortoise. Federal critical habitat. No habita	0.00	Ingress / Eg
North Barstow Channel	4-502-1A	3	U3, I7, I4, C4, C5,	Y	DNE	A	A	DNE	Always monitor u/s 58 to u/s end of channel; Sand dunes, housing lower end; observed on northwest section of upper curve, creosote scrub; water spreding due to dust control and school irrigation attractive to tortoise. Federal critical habitat. No habita	0.01	Bank Repai
North Barstow Channel	4-502-1A	3	U3, I7, I4, C4, C5,	Y	DNE	A	A	DNE	Always monitor u/s 58 to u/s end of channel; Sand dunes, housing lower end; observed on northwest section of upper curve, creosote scrub; water spreding due to dust control and school irrigation attractive to tortoise. Federal critical habitat. No habita	0.10	Mechanize
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.03	Mechanize
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.00	Herbicide \
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.10	Vegetation
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.00	Herbicide \
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	1.35	Stock Pile L
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.05	Vegetation
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.00	Bank Repai
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.01	Herbicide \
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	3.90	Mechanize
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	1.69	Vegetation
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.00	Herbicide \
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	8.54	Mechanize
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.80	Vegetation
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	3.39	Mechanize
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	1.00	Vegetation
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.01	Herbicide \
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.01	Stock Pile L
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.42	Vegetation
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.00	Herbicide \
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	2.66	Mechanize
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.00	Stock Pile L
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.85	Vegetation
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.01	Herbicide \
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.94	Vegetation
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.00	Herbicide \
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.21	Mechanize
North Needles Basin	6-609-4A	1	C1, C2, C4	Y	DNE	Y	Y	Y	Occupied; scrub, DT observed	0.40	Vegetation
Oasis Creek Channel	6-406-1A									0.26	Bank Repai
Oasis Creek Channel	6-406-1A									0.16	Herbicide \
Oasis Creek Channel	6-406-1A									0.01	Ingress / Eg
Oasis Creek Channel	6-406-1A									0.11	Mechanize
Old Woman Springs Creek	6-454-1B	4	I7, I3	N	DNE	N	N	DNE	housing on both sides; no DT activity observed	0.05	Herbicide \
Old Woman Springs Creek	6-454-1B	4	I7, I3	N	DNE	N	N	DNE	housing on both sides; no DT activity observed	0.01	Ingress / Eg
Oro Grande Wash	4-106-1A	4	I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	0.17	Bank Repai
Oro Grande Wash	4-106-1A	4	I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	0.05	Fed Mainte
Oro Grande Wash	4-106-1A	4	I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	0.44	Herbicide \
Oro Grande Wash	4-106-1A	4	I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	0.01	Ingress / Eg

Oro Grande Wash	4-106-1A	4 I7	N	DNE	N	N	DNE	Abutted on either side by housing for length of facility.	1.95	Mechanize
Pinto Cove Creek	6-403-1B	1 C2, C3, S5	N	DNE	Y	Y	DNE	Occupied on east side; scat and burrows, but no observed tortoise; scat in channel; survey and monitor	0.02	Ingress / Eg
Pinto Cove Creek	6-403-1B	1 C2, C3, S5	N	DNE	Y	Y	DNE	Occupied on east side; scat and burrows, but no observed tortoise; scat in channel; survey and monitor	0.01	Herbicide \
Pinto Cove Creek	6-403-1B	1 C2, C3, S5	N	DNE	Y	Y	DNE	Occupied on east side; scat and burrows, but no observed tortoise; scat in channel; survey and monitor	0.33	Herbicide \
Pinto Cove Creek	6-403-1B	1 C2, C3, S5	N	DNE	Y	Y	DNE	Occupied on east side; scat and burrows, but no observed tortoise; scat in channel; survey and monitor	0.00	Ingress / Eg
Pinto Cove Creek	6-403-1B	1 C2, C3, S5	N	DNE	Y	Y	DNE	Occupied on east side; scat and burrows, but no observed tortoise; scat in channel; survey and monitor	0.70	Herbicide \
Pinto Cove Creek	6-403-1B	1 C2, C3, S5	N	DNE	Y	Y	DNE	Occupied on east side; scat and burrows, but no observed tortoise; scat in channel; survey and monitor	0.07	Ingress / Eg
Quail Wash	6-452-1A	3 S4, S5	Y	DNE	N	N	DNE	tortoise observed by residents at northmost end; no surveys have observed any evidence	0.15	Herbicide \
Quail Wash	6-452-1A	3 S4, S5	Y	DNE	N	N	DNE	tortoise observed by residents at northmost end; no surveys have observed any evidence	0.01	Ingress / Eg
Quail Wash	6-452-1A	3 S4, S5	Y	DNE	N	N	DNE	tortoise observed by residents at northmost end; no surveys have observed any evidence	0.32	Mechanize
Quail Wash	6-452-1A	3 S4, S5	Y	DNE	N	N	DNE	tortoise observed by residents at northmost end; no surveys have observed any evidence	0.01	Herbicide \
Quail Wash Levee, COE	6-453-5A	2 C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.00	Fed Mainte
Quail Wash Levee, COE	6-453-5A	2 C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.01	Herbicide \
Quail Wash Levee, COE	6-453-5A	2 C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.00	Ingress / Eg
Quail Wash Levee, COE	6-453-5A	2 C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.59	Fed Mainte
Quail Wash Levee, COE	6-453-5A	2 C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.00	Herbicide \
Quail Wash Levee, COE	6-453-5A	2 C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.00	Ingress / Eg
Quail Wash Levee, COE	6-453-5A	2 C1, S5, C4, S3, I4,	N	DNE	N	N	DNE	potential for tortoise; never observed. Undistubed vegetation on east side, light residential on west; draining JT park; surveyed and monitored	0.00	Fed Mainte
Rockcrusher and Trona Flood Channels	6-803-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.57	Bank Repai
Rockcrusher and Trona Flood Channels	6-803-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	2.01	Herbicide \
Rockcrusher and Trona Flood Channels	6-803-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.02	Ingress / Eg
Rockcrusher and Trona Flood Channels	6-803-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.10	Mechanize
Rockcrusher and Trona Flood Channels	6-803-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.00	Bank Repai
Rockcrusher and Trona Flood Channels	6-803-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.49	Bank Repai
Rockcrusher and Trona Flood Channels	6-803-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.08	Herbicide \
Rockcrusher and Trona Flood Channels	6-803-1B	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.00	Ingress / Eg
Rockcrusher Channel	6-804-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.04	Bank Repai
Rockcrusher Channel	6-804-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.40	Bank Repai
Rockcrusher Channel	6-804-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.86	Herbicide \
Rockcrusher Channel	6-804-1A	2 S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.03	Ingress / Eg
Sheep Creek	4-354-1D	3 I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity , duncan to aquaduct	0.19	Bank Repai
Sheep Creek	4-354-1D	3 I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity , duncan to aquaduct	1.75	Mechanize
Sheep Creek	4-354-1D	3 I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity , duncan to aquaduct	0.27	Stock Pile L
Sheep Creek	4-354-1D	3 I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity , duncan to aquaduct	2.72	Bank Repai
Sheep Creek	4-354-1D	3 I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity , duncan to aquaduct	2.81	Mechanize

Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	0.54	Stock Pile L
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	7.78	Bank Repai
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	0.23	Herbicide \
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	0.01	Ingress / Eg
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	6.44	Mechanize
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	6.11	Bank Repai
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	2.10	Herbicide \
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	0.07	Ingress / Eg
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	4.92	Mechanize
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	3.07	Bank Repai
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	1.37	Herbicide \
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	0.02	Ingress / Eg
Sheep Creek	4-354-1D	3	I3, U4, I4, U6	N	DNE	N	N	DNE	surveys have been conducted; 138 to phelan, disturbed, so nothing, no evidence observed-3; phelan to dump - nothing at dump to goss road crossing due to landfill activities-3; good habitat adjacent, but too much human activity, duncan to aquaduct	1.54	Mechanize
South Trona Channel	6-801-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.02	Stock Pile L
South Trona Channel	6-801-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.09	Stock Pile L
South Trona Channel	6-801-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.96	Mechanize
Southwest Barstow Channel	4-501-1A	3	I8, C4, S5, U3, U4	N	DNE	N	N	DNE	schools north side; creosote scrub on south side; surveys show nothing; sandy soil unsuitable - utility activity	0.02	Bank Repai
Southwest Barstow Channel	4-501-1A	3	I8, C4, S5, U3, U4	N	DNE	N	N	DNE	schools north side; creosote scrub on south side; surveys show nothing; sandy soil unsuitable - utility activity	0.04	Fed Mainte
Southwest Barstow Channel	4-501-1A	3	I8, C4, S5, U3, U4	N	DNE	N	N	DNE	schools north side; creosote scrub on south side; surveys show nothing; sandy soil unsuitable - utility activity	0.52	Stock Pile L
Southwest Barstow Channel	4-501-1C									0.17	Bank Repai
Southwest Barstow Channel	4-501-1C									0.08	Fed Mainte
Southwest Barstow Channel	4-501-1C									0.02	Herbicide \
Southwest Barstow Channel	4-501-1C									0.07	Mechanize
Southwest Barstow Channel	4-501-1C									0.07	Fed Mainte
Southwest Barstow Channel	4-501-1C									1.01	Fed Mainte
Southwest Barstow Channel	4-501-1C									0.00	Mechanize
Southwest Barstow Channel	4-501-1D									0.32	Bank Repai
Southwest Barstow Channel	4-501-1D									0.21	Herbicide \
Southwest Barstow Channel	4-501-1D									0.01	Ingress / Eg
Southwest Barstow Channel	4-501-1D									0.07	Mechanize
Southwest Barstow Channel	4-501-1D									0.61	Bank Repai
Southwest Barstow Channel	4-501-1D									1.89	Fed Mainte
Southwest Barstow Channel	4-501-1D									0.50	Herbicide \
Southwest Barstow Channel	4-501-1D									0.03	Ingress / Eg
Southwest Barstow Channel	4-501-1D									0.30	Mechanize
Southwest Barstow Channel	4-501-1D									0.01	Fed Mainte
Southwest Barstow Channel	4-501-1D									0.00	Herbicide \
Southwest Barstow Channel	4-501-1D									0.00	Ingress / Eg
Southwest Barstow Channel	4-501-1D									0.00	Bank Repai
Southwest Barstow Channel	4-501-1D									0.46	Fed Mainte
Southwest Barstow Channel	4-501-1D									0.00	Herbicide \
Southwest Barstow Channel	4-501-1D									0.00	Ingress / Eg
Southwest Barstow Channel	4-501-1E									0.28	Fed Mainte
Southwest Barstow Channel	4-501-1E									0.00	Fed Mainte
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.41	Bank Repai
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.27	Herbicide \

Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.01	Ingress / Eg
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.01	Mechanize
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.00	Bank Repai
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.00	Mechanize
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	1.44	Bank Repai
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.05	Herbicide \
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.00	Ingress / Eg
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	0.55	Bank Repai
Trona Flood Channel	6-803-1A	2	S1, I4, S5, I8	N	DNE	N	N	DNE	Potential outside adjacent to channel; surveys in channel and 100' nothing observed; monitored by adjacent industrial facilities; DT fencing in place for local industrial complexes	5.00	Mechanize
Turner Ditch	4-109-6A									0.00	Stock Pile L
Turner Ditch	4-109-6A									0.09	Stock Pile L
Waterman Road Basin	4-507-4A	2	U5, I6, I7, C3, C4,	N	DNE	Y	Y	DNE	concrete lined; chain link and tortoise fence along houseing; inside basin, burrows, scat, and creosote present; probably critical habitat immediately adjacent to basin. Surveyed and monitored, but no tortoise observed. Maintenance seldom occurs	0.00	Herbicide \
Waterman Road Basin	4-507-4A	2	U5, I6, I7, C3, C4,	N	DNE	Y	Y	DNE	concrete lined; chain link and tortoise fence along houseing; inside basin, burrows, scat, and creosote present; probably critical habitat immediately adjacent to basin. Surveyed and monitored, but no tortoise observed. Maintenance seldom occurs	0.04	Herbicide \
Waterman Road Channel	4-507-1A	4	U4, U5, U3, U2, M	N	DNE	N	N	DNE	Utility presence very disturbed area; concrete, rip-rap channel unsuitable. Sand. Wrong vegetation saltbush; legacy trash	0.02	Herbicide \
Waterman Road Channel	4-507-1A	4	U4, U5, U3, U2, M	N	DNE	N	N	DNE	Utility presence very disturbed area; concrete, rip-rap channel unsuitable. Sand. Wrong vegetation saltbush; legacy trash	0.26	Herbicide \
Waterman Road Channel	4-507-1A	4	U4, U5, U3, U2, M	N	DNE	N	N	DNE	Utility presence very disturbed area; concrete, rip-rap channel unsuitable. Sand. Wrong vegetation saltbush; legacy trash	0.01	Ingress / Eg
Waterman Road Channel	4-507-1A	4	U4, U5, U3, U2, M	N	DNE	N	N	DNE	Utility presence very disturbed area; concrete, rip-rap channel unsuitable. Sand. Wrong vegetation saltbush; legacy trash	0.04	Mechanize
Waterman Road Channel	4-507-1A	4	U4, U5, U3, U2, M	N	DNE	N	N	DNE	Utility presence very disturbed area; concrete, rip-rap channel unsuitable. Sand. Wrong vegetation saltbush; legacy trash	0.00	Herbicide \
Waterman Road Channel	4-507-1A	4	U4, U5, U3, U2, M	N	DNE	N	N	DNE	Utility presence very disturbed area; concrete, rip-rap channel unsuitable. Sand. Wrong vegetation saltbush; legacy trash	0.00	Herbicide \
Waterman Road Channel	4-507-1A	4	U4, U5, U3, U2, M	N	DNE	N	N	DNE	Utility presence very disturbed area; concrete, rip-rap channel unsuitable. Sand. Wrong vegetation saltbush; legacy trash	0.03	Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.12	Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.02	Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00	Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.64	Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	1.11	Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.11	Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	1.10	Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.03	Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.03	Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.94	Bank Repai
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01	Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00	Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	1.65	Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01	Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01	Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.03	Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01	Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00	Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01	Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00	Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00	Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01	Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.36	Herbicide \

Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.03 Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01 Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01 Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00 Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01 Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00 Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01 Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00 Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	14.70 Bank Repai
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00 Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	6.26 Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00 Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.03 Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.02 Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.02 Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01 Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	8.13 Bank Repai
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.24 Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.02 Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	4.38 Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01 Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.01 Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.02 Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.04 Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.00 Ingress / Eg
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.02 Mechanize
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.05 Herbicide \
Yermo Flood Channel	4-701-1B	3	C4, S5, U3	N	DNE	N	N	DNE	areas of creosote scrub adjacent; no toroise observed; dry lake bed no habitat	0.06 Mechanize
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.00 Herbicide \
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.00 Herbicide \
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.00 Ingress / Eg
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	3.74 Bank Repai
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.13 Herbicide \
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.01 Ingress / Eg
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	2.19 Mechanize
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.10 Herbicide \
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.00 Ingress / Eg
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.75 Bank Repai
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.02 Herbicide \
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.00 Ingress / Eg
Yermo Flood Channel	4-701-1C	3	C3, I1, M5, I7	N	DNE	N	N	Y	monitoring and surveys showed tortoise track in mud; adjacent housing and off road activity	0.85 Mechanize
Yucca Creek	6-451-1A	4	S5, I7	N	DNE	N	N	DNE	nothing observed; residential	0.08 Bank Repai
Yucca Creek	6-451-1A	4	S5, I7	N	DNE	N	N	DNE	nothing observed; residential	0.01 Herbicide \
Yucca Creek	6-451-1A	4	S5, I7	N	DNE	N	N	DNE	nothing observed; residential	0.05 Ingress / Eg
Yucca Creek	6-451-1A	4	S5, I7	N	DNE	N	N	DNE	nothing observed; residential	0.00 Mechanize
Yucca Creek	6-451-1A	4	S5, I7	N	DNE	N	N	DNE	nothing observed; residential	0.00 Bank Repai
Yucca Creek	6-451-1B	4	S5, I7	N	DNE	N	N	DNE	nothing observed; residential	0.01 Herbicide \
Yucca Creek	6-451-1B	4	S5, I7	N	DNE	N	N	DNE	nothing observed; residential	0.00 Ingress / Eg
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.02 Herbicide \
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.00 Ingress / Eg
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.01 Bank Repai

Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.30	Herbicide \
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.08	Ingress / Eg
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.27	Bank Repai
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.80	Herbicide \
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.14	Ingress / Eg
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.31	Mechanize
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.21	Bank Repai
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	1.43	Herbicide \
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.14	Ingress / Eg
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	0.82	Mechanize
Yucca Creek	6-451-1C	3	U4, I7, I4, S5, M3	N	Y	N	N	DNE	OWS to just past yucca mesa maintained negative, residential south side, north side appears to be suitalbe but nothing found; survey and monitor shell frags on northside e/o YMRd	5.88	Vegetation

APPENDIX F

Mohave Ground Squirrel Habitat Assessment Report

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SUBJECT: Letter Report for Mohave Ground Squirrel Habitat Assessments at San Bernardino County Flood Control Facilities

1 INTRODUCTION

The Mohave ground squirrel (MGS – *Xerospermophillus mohavensis*) is listed as threatened under the California Endangered Species Act. This report and associated submittal of maps, datasheets and photos represent the findings of habitat assessments conducted for this species at facilities managed by the San Bernardino Flood Control District (SBFCD) throughout the range of the MGS in the county.

The SBFCD requested this information as part of a larger effort to identify potential habitat for listed species at their facilities in support of potentially obtaining programmatic permitting for listed species for their facilities. This habitat assessment did not conform to the California Department of Fish Wildlife (CDFW) MGS Survey guidelines and perform MGS surveys if the proposed site has potential habitat for the species and the presence of the species on the Project is unknown (CDFW 2003, revised in July 2010), except in that it would qualify as the habitat assessment portion of these guidelines.

1.1 Project Location and Description

The project facilities are located throughout the desert regions of San Bernardino County wherever these facilities overlap with existing Mohave ground squirrel range maps (Leitner, 2008) and/or recent efforts by the U.S. Geological Survey (USGS) to model habitat for this species.

1.2 Mohave Ground Squirrel Survey Location and Description

The Mohave ground squirrel is a small, evenly pale grayish to cinnamon brown ground squirrel without distinctive spots or stripes. The tale is moderately furred and somewhat flat. MGS are found in the western Mojave Desert and is distributed in the areas of Palmdale and Victorville in the south to Owens Lake in the north. The western boundary of its range is the eastern foothills of the Sierra Nevada while the eastern boundary extends from Mojave River Valley to Fort Irwin military base (Leitner, 2008). Habitat preferences for this species are still largely unknown but MGS have been found in many habitats and soils throughout their range. These habitats typically support creosote bush and Joshua and a high level of vegetation diversity with known MGS

forage species such as boxthorn (*Lycium* sp.) and winterfat (*Krascheninnokovia lanata*). MGS have not been found in juniper woodland communities.

The habitat throughout the SBFCD habitat assessment area varies widely as it covers much of their known range of this species and includes sparser habitat in the northern region near Trona, to creosote dominated habitats in the central part of the range, and rockier denser habitats in the southern parts of the range.

In addition to this report, maps with associated data sheets and photos of each location have been submitted and provide additional information on vegetation, soils, and disturbances present at each location.

2 METHODS

Files received from Dudek in GIS were conmveterred to a series of 26 maps. These maps, map features (such as the existing SBFCD facilities), and a Geographic Positioning System (GPS) unit were used in the field to locate each site. All accessible areas were driven and/or walked between 19 April and 13 May 2016 by Kathryn Simon of Sunrise Consulting, a biologist with over 25 years of experience working with this species. The few small areas not accessible by foot or vehicle were assessed using binoculars.

Each polygon was assessed for the following habitat values for MGS:

1. appropriate vegetation for this species,
2. appropriate soils for this species,
3. distance to recent record or known location (less than 20 years old and within 10 miles), and
4. supporting a low level of human disturbance

These assessments were made independent of USGS modeling.

Each area was given an assessment as follows based on these factors:

<u>Areas Likely to support MGS</u>

Excellent	meets all 4 values
Good	meets 3 of the 4 values

<u>Areas Unlikely to support MGS</u>

Fair	meets 2 of the 4 values
Poor	meets 0 or 1 of the 4 values

3 SURVEY RESULTS

Maps, datasheets and photos of these areas have been submitted with this letter report and present the combined results of these habitat assessments. The mapping provides the assessments of excellent, good, fair and poor; while the datasheets and photos provide the data to support these findings.

Generally, those areas within the banks of the Mojave River provide fair to poor habitat for this species as they do not support appropriate vegetation (most often riparian or other streambed

vegetation) or soils (often being too sandy for burrowing species). These areas represent a significant portion of the areas assessed. In smaller stream channels that do not support riparian vegetation, and within upland facilities or areas above the high water mark of the Mojave River, good habitat is found in many areas (although not often considered excellent due to varying level of human disturbances).

Often those areas mapped as potential habitat by USGS modeling did not match up with these habitat values and resulted in designation of these areas as fair or poor habitat. Occasionally the SBFCD facilities were well outside of the recent or known range of this species but were investiugated becauise they were modelled by USGS as areas supporting potential habitat for this species. These areas often did support appropriate soils, vegetation and low levels of human disturbance, resulting in a designation of good habitat.

4 CONCLUSIONS AND RECOMMENDATIONS

These habitat assessments provide a basis to assist Dudek and the SBFCD in determining the potential of adversely affecting the Mohave ground squirrel at their facilities across the range of this species.

It is recommended that proper to any SBFCD projects occurring in these areas permitting for this species be completed for those areas designated as excellent or good. This permitting could be with project specific or programmatic. Additional information may be recommended or required by the CDFW prior to the completion of such permitting, particularly in areas outside of the known or recent range of the species.

5 REFERENCES

California Department Fish and Game. 2010. *Mohave Ground Squirrel Survey Guidelines*. January 2003; minor process and contact changes in July 2010.

Jameson, E.W and Peters, H.J. 2004. *California Natural History Guides: Mammals of California*. University of California Press, Los Angeles.

Leitner, Phillip. 2008. *Current Status of Mohave Ground Squirrel*. Transactions of the Western Wildlife Society. California State University-Stanislaus, Endangered Species Recovery Program, 1900 N. Gateway Boulevard, #101, Fresno, CA 93727, USA.

APPENDIX G

Mohave Ground Squirrel Classification Results

FacName	Redbook	Zone	EMD_Op	Alliance_or_Land_Cover_ComName	OCC	Class	Acres
Argus Channel	6-802-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N		0.00
	6-603-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N		0.00
	6-603-1B	6	Fed Maintenance Layer	Allscale Scrub Alliance	N		0.00
Lenwood Channel	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	0.43
Lenwood Channel	4-601-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Fair	0.18
Lenwood Channel	4-601-1B	4	Ingress / Egress	Allscale Scrub Alliance	Y	Fair	0.02
Lenwood Channel	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Poor	0.03
Lenwood Channel	4-601-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Poor	0.00
Lenwood Channel	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Poor	0.00
Lenwood Channel	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	0.51
Lenwood Channel	4-601-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Fair	0.07
Lenwood Channel	4-601-1B	4	Ingress / Egress	Allscale Scrub Alliance	Y	Fair	0.01
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Good	1.54
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Good	1.97
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Poor	0.77
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Poor	0.46
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	0.12
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	1.62
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	0.00
Lenwood Channel	4-601-1A	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Fair	0.00
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.95
Lenwood Channel	4-601-1A	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.16
Lenwood Channel	4-601-1A	4	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.00
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.20
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Poor	0.49
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Poor	0.48
Lenwood Channel	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.07
Lenwood Channel	4-601-1A	4	Herbicide Vector Control	disturbed Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.00
Lenwood Channel	4-601-1A	4	Herbicide Vector Control	disturbed Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.41
Lenwood Channel	4-601-1A	4	Ingress / Egress	disturbed Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.03
Lenwood Spreading Grounds	4-602-2A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	0.57
Lenwood Spreading Grounds	4-602-2A	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Fair	1.14
Lenwood Spreading Grounds	4-602-2A	4	Ingress / Egress	Allscale Scrub Alliance	Y	Fair	0.04
Lenwood Spreading Grounds	4-602-2A	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Fair	7.69
Lenwood Spreading Grounds	4-602-2A	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Good	1.07
Lenwood Spreading Grounds	4-602-2A	4	Ingress / Egress	Allscale Scrub Alliance	Y	Good	0.07
Lenwood Spreading Grounds	4-602-2A	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Good	4.80
Lenwood Spreading Grounds	4-602-2A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Fair	0.12
Lenwood Spreading Grounds	4-602-2A	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	Y	Fair	0.08
Lenwood Spreading Grounds	4-602-2A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	Y	Fair	2.35
Lenwood Spreading Grounds	4-602-2A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.00
El Evado Channel	4-405-1A	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Fair	0.02
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Fair	0.81
El Evado Channel	4-405-1A	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Fair	0.32
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Fair	0.99
El Evado Channel	4-405-1A	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Fair	0.03
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Fair	0.49
El Evado Channel	4-405-1A	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Fair	0.15
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Poor	0.08
El Evado Channel	4-405-1A	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Poor	0.02
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Poor	0.27
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Good	0.00
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Poor	0.15
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Poor	0.00
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Poor	0.00
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Poor	0.02
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Good	0.31
El Evado Channel	4-405-1A	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Good	0.02
El Evado Channel	4-405-1A	4	Bank Repair	Allscale Scrub Alliance	Y	Good	0.65
El Evado Channel	4-405-1A	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Good	0.03
Buckthorn Wash	4-107-1C	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Good	0.26
Buckthorn Wash	4-107-1C	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Poor	0.19
Buckthorn Wash	4-107-1C	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Poor	0.02
Buckthorn Wash	4-107-1C	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.30
Buckthorn Wash	4-107-1C	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.00
Buckthorn Wash	4-107-1C	4	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.00
Buckthorn Wash	4-107-1C	4	Herbicide Vector Control	disturbed Creosote Bush-White Burr Sage Scrub Alliance	Y	Poor	0.00
Turner Ditch	4-109-6A	4	Stock Pile Locations	Allscale Scrub Alliance	Y	Good	0.09
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	Y	Poor	0.01
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	Y	Poor	0.05
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Allscale Scrub Alliance	Y	Poor	0.00
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	Y	Fair	0.00
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Allscale Scrub Alliance	Y	Fair	0.01
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	Y	Good	0.01
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Allscale Scrub Alliance	Y	Good	0.00
Lucerne Valley Channel	6-301-1B	6	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Good	0.01
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Shadscale Scrub Alliance	Y	Fair	0.20
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Shadscale Scrub Alliance	Y	Fair	0.00
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Shadscale Scrub Alliance	Y	Good	0.03
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Shadscale Scrub Alliance	Y	Good	0.02

Lucerne Valley Channel	6-301-1B	6	Mechanized Land Clearing	Shadscale Scrub Alliance	Y	Good	0.03
Mojave River	4-101-1D	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Excellent	0.20
Mojave River	4-101-1D	4	Mechanized Land Clearing	Non-Native Grasslands	Y	Excellent	0.02
Fremont Wash	4-108-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Poor	0.00
Fremont Wash	4-108-1B	4	Ingress / Egress	Allscale Scrub Alliance	Y	Poor	0.00
Fremont Wash	4-108-1B	4	Bank Repair	Allscale Scrub Alliance	Y	Poor	0.05
Fremont Wash	4-108-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Poor	0.23
Fremont Wash	4-108-1B	4	Ingress / Egress	Allscale Scrub Alliance	Y	Poor	0.01
Fremont Wash	4-108-1B	4	Stock Pile Locations	Allscale Scrub Alliance	Y	Poor	0.04
Fremont Wash	4-108-1B	4	Bank Repair	Allscale Scrub Alliance	Y	Good	0.01
Fremont Wash	4-108-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	Y	Good	0.13
Fremont Wash	4-108-1B	4	Ingress / Egress	Allscale Scrub Alliance	Y	Good	0.00
Fremont Wash	4-108-1B	4	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.12
Fremont Wash	4-108-1B	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.30
Fremont Wash	4-108-1B	4	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.00
Lucerne Valley Channel	6-301-1D	6	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.00
Lucerne Valley Channel	6-301-1D	6	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.01
Lucerne Valley Channel	6-301-1D	6	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.04
Lucerne Valley Channel	6-301-1D	6	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.01
Mojave River	4-101-1D	4	Mechanized Land Clearing	Allscale Scrub Alliance	Y	Good	0.45
Mojave River	4-101-1D	4	Bank Repair	Fourwing Saltbush Scrub Alliance	Y	Fair	1.61
Mojave River	4-101-1D	4	Herbicide Vector Control	Fourwing Saltbush Scrub Alliance	Y	Fair	0.55
Mojave River	4-101-1D	4	Herbicide Vector Control	Fourwing Saltbush Scrub Alliance	Y	Poor	0.44
Mojave River	4-101-1D	4	Herbicide Vector Control	Fourwing Saltbush Scrub Alliance	Y	Poor	0.86
Mojave River	4-101-1D	4	Ingress / Egress	Fourwing Saltbush Scrub Alliance	Y	Poor	0.00
Mojave River	4-101-1G	4	Bank Repair	Allscale Scrub Alliance	Y	Fair	0.70
Mojave River	4-101-1G	4	Bank Repair	Allscale Scrub Alliance	Y	Fair	0.06
Mojave River	4-101-1I	4	Bank Repair	Allscale Scrub Alliance	Y	Good	1.71
Mojave River	4-101-1I	4	Bank Repair	Allscale Scrub Alliance	Y	Poor	0.00
Mojave River	4-101-1I	4	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.10
Adelanto East Channel	4-355-1A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	Y	Fair	0.10
Adelanto East Channel	4-355-1A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	Y	Fair	0.11
Adelanto East Channel	4-355-1A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	Y	Fair	0.52
Adelanto East Channel	4-355-1A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	Y	Fair	0.57
	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Poor	1.26
	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Poor	0.84
	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Fair	0.10
	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.00
	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.24
	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Poor	0.63
	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Poor	1.46
	4-601-1A	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	Y	Good	0.05
	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	0.02
	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	0.00
	4-601-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	1.62
	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	Y	Fair	0.00
Lenwood Channel	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Fair	0.00
Lenwood Channel	4-601-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Fair	0.03
Lenwood Channel	4-601-1B	4	Ingress / Egress	Allscale Scrub Alliance	N	Fair	0.00
Lenwood Channel	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.45
Lenwood Channel	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	1.80
Lenwood Channel	4-601-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.08
Lenwood Channel	4-601-1B	4	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.04
Lenwood Channel	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.08
Lenwood Channel	4-601-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.04
Lenwood Channel	4-601-1B	4	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.00
Lenwood Channel	4-601-1B	4	Fed Maintenance Layer	Fourwing Saltbush Scrub Alliance	N	Poor	0.07
Sheep Creek	4-354-1D	4	Herbicide Vector Control	disturbed Joshua Tree Woodland	N	Good	0.15
Sheep Creek	4-354-1D	4	Ingress / Egress	disturbed Joshua Tree Woodland	N	Good	0.00
Sheep Creek	4-354-1D	4	Bank Repair	disturbed Rubber Rabbitbrush Scrub Alliance	N	Good	0.17
Sheep Creek	4-354-1D	4	Herbicide Vector Control	disturbed Rubber Rabbitbrush Scrub Alliance	N	Good	0.10
Sheep Creek	4-354-1D	4	Ingress / Egress	disturbed Rubber Rabbitbrush Scrub Alliance	N	Good	0.00
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	disturbed Rubber Rabbitbrush Scrub Alliance	N	Good	0.05
Sheep Creek	4-354-1D	4	Herbicide Vector Control	Joshua Tree Woodland	N	Good	0.14
Sheep Creek	4-354-1D	4	Ingress / Egress	Joshua Tree Woodland	N	Good	0.00
Sheep Creek	4-354-1D	4	Herbicide Vector Control	Joshua Tree Woodland	N	Good	0.03
Sheep Creek	4-354-1D	4	Ingress / Egress	Joshua Tree Woodland	N	Good	0.00
Sheep Creek	4-354-1D	4	Bank Repair	California Juniper Woodland Alliance	N	Good	0.00
Sheep Creek	4-354-1D	4	Bank Repair	California Juniper Woodland Alliance	N	Good	0.05
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	California Juniper Woodland Alliance	N	Good	0.00
Sheep Creek	4-354-1D	4	Bank Repair	California Juniper Woodland Alliance	N	Good	0.41
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	California Juniper Woodland Alliance	N	Good	0.25
Sheep Creek	4-354-1D	4	Stock Pile Locations	California Juniper Woodland Alliance	N	Good	0.00
Sheep Creek	4-354-1D	4	Bank Repair	California Juniper Woodland Alliance	N	Good	0.07
Sheep Creek	4-354-1D	4	Bank Repair	California Juniper Woodland Alliance	N	Fair	0.00
Sheep Creek	4-354-1D	4	Bank Repair	California Juniper Woodland Alliance	N	Fair	0.74
Sheep Creek	4-354-1D	4	Herbicide Vector Control	California Juniper Woodland Alliance	N	Fair	0.03
Sheep Creek	4-354-1D	4	Ingress / Egress	California Juniper Woodland Alliance	N	Fair	0.00
Sheep Creek	4-354-1D	4	Bank Repair	California Juniper Woodland Alliance	N	Fair	0.04
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.01
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.02

Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.26
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	Joshua Tree Woodland	N	Fair	0.00
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.01
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.15
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.04
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.03
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.12
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.03
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	Joshua Tree Woodland	N	Fair	0.00
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Fair	0.61
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	Joshua Tree Woodland	N	Fair	0.47
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Good	0.03
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Good	0.03
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Good	0.02
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Good	0.04
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Good	0.03
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Good	0.06
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Good	0.33
Sheep Creek	4-354-1D	4	Herbicide Vector Control	Joshua Tree Woodland	N	Good	0.73
Sheep Creek	4-354-1D	4	Ingress / Egress	Joshua Tree Woodland	N	Good	0.04
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	Joshua Tree Woodland	N	Good	0.00
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Good	0.05
Sheep Creek	4-354-1D	4	Herbicide Vector Control	Joshua Tree Woodland	N	Good	0.00
Sheep Creek	4-354-1D	4	Ingress / Egress	Joshua Tree Woodland	N	Good	0.02
Sheep Creek	4-354-1D	4	Herbicide Vector Control	Joshua Tree Woodland	N	Good	0.05
Sheep Creek	4-354-1D	4	Ingress / Egress	Joshua Tree Woodland	N	Good	0.00
Sheep Creek	4-354-1D	4	Bank Repair	Joshua Tree Woodland	N	Good	0.00
Sheep Creek	4-354-1D	4	Bank Repair	Scale Broom Scrub Alliance	N	Good	0.00
Sheep Creek	4-354-1D	4	Bank Repair	Scale Broom Scrub Alliance	N	Good	0.05
Sheep Creek	4-354-1D	4	Bank Repair	Scale Broom Scrub Alliance	N	Good	1.64
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	Scale Broom Scrub Alliance	N	Good	1.75
Sheep Creek	4-354-1D	4	Bank Repair	Scale Broom Scrub Alliance	N	Fair	1.04
Sheep Creek	4-354-1D	4	Herbicide Vector Control	Scale Broom Scrub Alliance	N	Fair	0.17
Sheep Creek	4-354-1D	4	Ingress / Egress	Scale Broom Scrub Alliance	N	Fair	0.01
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	Scale Broom Scrub Alliance	N	Fair	0.95
Sheep Creek	4-354-1D	4	Bank Repair	Scale Broom Scrub Alliance	N	Good	0.81
Sheep Creek	4-354-1D	4	Mechanized Land Clearing	Scale Broom Scrub Alliance	N	Good	1.18
Oro Grande Wash	4-106-1A	4	Bank Repair	Rubber Rabbitbrush Scrub Alliance	N	Fair	0.01
Oro Grande Wash	4-106-1A	4	Herbicide Vector Control	Rubber Rabbitbrush Scrub Alliance	N	Fair	0.43
Oro Grande Wash	4-106-1A	4	Ingress / Egress	Rubber Rabbitbrush Scrub Alliance	N	Fair	0.01
Oro Grande Wash	4-106-1A	4	Mechanized Land Clearing	Rubber Rabbitbrush Scrub Alliance	N	Fair	0.01
Oro Grande Wash	4-106-1A	4	Bank Repair	Rubber Rabbitbrush Scrub Alliance	N	Fair	0.13
Oro Grande Wash	4-106-1A	4	Mechanized Land Clearing	Rubber Rabbitbrush Scrub Alliance	N	Fair	0.09
Desert Knolls Wash	4-201-1B	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.02
Desert Knolls Wash	4-201-1B	4	Mechanized Land Clearing	Allscale Scrub Alliance	N	Poor	0.22
Desert Knolls Wash	4-201-1B	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.00
Desert Knolls Wash	4-201-1B	4	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.00
Desert Knolls Wash	4-201-1A	4	Mechanized Land Clearing	Allscale Scrub Alliance	N	Poor	0.00
Desert Knolls Wash	4-201-1A	4	Stock Pile Locations	Allscale Scrub Alliance	N	Poor	0.01
Desert Knolls Wash	4-201-1A	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.07
Desert Knolls Wash	4-201-1A	4	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.00
North Barstow Channel	4-502-1A	4	Bank Repair	Allscale Scrub Alliance	N	Poor	0.94
North Barstow Channel	4-502-1A	4	Mechanized Land Clearing	Allscale Scrub Alliance	N	Poor	1.51
North Barstow Channel	4-502-1A	4	Bank Repair	Allscale Scrub Alliance	N	Excellent	0.01
North Barstow Channel	4-502-1A	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Excellent	0.04
North Barstow Channel	4-502-1A	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.08
North Barstow Channel	4-502-1A	4	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	N	Excellent	0.14
North Barstow Channel	4-502-1A	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Excellent	0.42
North Barstow Channel	4-502-1A	4	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Excellent	0.01
North Barstow Channel	4-502-1A	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Excellent	0.01
North Barstow Channel	4-502-1A	4	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Excellent	0.00
North Barstow Channel	4-502-1A	4	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	N	Excellent	0.01
North Barstow Channel	4-502-1A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Excellent	0.10
North Barstow Channel	4-502-1A	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.04
Southwest Barstow Channel	4-501-1A	4	Bank Repair	Allscale Scrub Alliance	N	Fair	0.02
Southwest Barstow Channel	4-501-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Fair	0.04
Southwest Barstow Channel	4-501-1A	4	Stock Pile Locations	Allscale Scrub Alliance	N	Fair	0.52
Waterman Road Basin	4-507-4A	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.04
Waterman Road Basin	4-507-4A	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.00
Buckthorn Wash	4-107-1A	4	Herbicide Vector Control	Non-Native Grasslands	N	Poor	0.02
Buckthorn Wash	4-107-1A	4	Ingress / Egress	Non-Native Grasslands	N	Poor	0.00
Buckthorn Wash	4-107-1A	4	Herbicide Vector Control	Non-Native Grasslands	N	Poor	0.51
Mojave Drive Channel	4-402-1B	4	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Fair	0.19
Mojave Drive Channel	4-402-1B	4	Ingress / Egress	disturbed Allscale Scrub Alliance	N	Fair	0.04
Arrowhead Channel	4-503-1A	4	Herbicide Vector Control	Non-Native Grasslands	N	Poor	0.03
Arrowhead Channel	4-503-1A	4	Ingress / Egress	Non-Native Grasslands	N	Poor	0.00
Arrowhead Channel	4-503-1A	4	Mechanized Land Clearing	Non-Native Grasslands	N	Poor	0.04
Mojave River	4-101-1E	4	Herbicide Vector Control	Rubber Rabbitbrush Scrub Alliance	N	Fair	0.04
Mojave River	4-101-1E	4	Ingress / Egress	Rubber Rabbitbrush Scrub Alliance	N	Fair	0.01
Mojave River	4-101-1E	4	Herbicide Vector Control	Rubber Rabbitbrush Scrub Alliance	N	Poor	0.07
Mojave River	4-101-1E	4	Ingress / Egress	Rubber Rabbitbrush Scrub Alliance	N	Poor	0.00

Mojave River	4-101-1E	4	Mechanized Land Clearing	Rubber Rabbitbrush Scrub Alliance	N	Poor	0.03
Mojave River	4-101-1E	4	Bank Repair	Scale Broom Scrub Alliance	N	Fair	1.07
Mojave River	4-101-1E	4	Herbicide Vector Control	Scale Broom Scrub Alliance	N	Fair	1.75
Mojave River	4-101-1E	4	Ingress / Egress	Scale Broom Scrub Alliance	N	Fair	0.01
Lucerne Valley Channel	6-301-1B	6	Bank Repair	Allscale Scrub Alliance	N	Poor	0.27
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.01
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.03
Lucerne Valley Channel	6-301-1B	6	Mechanized Land Clearing	Allscale Scrub Alliance	N	Poor	0.11
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.01
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.00
Lucerne Valley Channel	6-301-1B	6	Bank Repair	Allscale Scrub Alliance	N	Poor	0.00
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.04
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.00
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.02
Lucerne Valley Channel	6-301-1B	6	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.17
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.00
Lucerne Valley Channel	6-301-1B	6	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.08
Lucerne Valley Channel	6-301-1B	6	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.37
Lucerne Valley Channel	6-301-1B	6	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.00
Lucerne Valley Channel	6-301-1B	6	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.01
Lucerne Valley Channel	6-301-1B	6	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.21
Lucerne Valley Channel	6-301-1B	6	Bank Repair	Creosote Bush Scrub Alliance	N	Poor	0.07
Lucerne Valley Channel	6-301-1B	6	Mechanized Land Clearing	Creosote Bush Scrub Alliance	N	Poor	0.03
South Trona Channel	6-801-1A	6	Mechanized Land Clearing	Allscale Scrub Alliance	N	Poor	0.00
South Trona Channel	6-801-1A	6	Mechanized Land Clearing	Allscale Scrub Alliance	N	Poor	0.02
South Trona Channel	6-801-1A	6	Mechanized Land Clearing	Allscale Scrub Alliance	N	Poor	0.11
South Trona Channel	6-801-1A	6	Mechanized Land Clearing	Allscale Scrub Alliance	N	Poor	0.00
South Trona Channel	6-801-1A	6	Mechanized Land Clearing	Creosote Bush Scrub Alliance	N	Poor	0.03
South Trona Channel	6-801-1A	6	Stock Pile Locations	Allscale Scrub Alliance	N	Poor	0.02
South Trona Channel	6-801-1A	6	Stock Pile Locations	Allscale Scrub Alliance	N	Poor	0.09
Borosolvay Channel	6-805-1A	6	Ingress / Egress	Creosote Bush Scrub Alliance	N	Fair	0.00
Borosolvay Channel	6-805-1A	6	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Fair	0.00
Borosolvay Channel	6-805-1A	6	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Fair	0.04
Borosolvay Channel	6-805-1A	6	Ingress / Egress	disturbed Allscale Scrub Alliance	N	Fair	0.00
Argus Channel	6-802-1A	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.01
Argus Channel	6-802-1A	6	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.00
Argus Channel	6-802-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.07
Argus Channel	6-802-1A	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.00
Argus Channel	6-802-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.05
Argus Channel	6-802-1A	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.00
Argus Channel	6-802-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.03
Argus Channel	6-802-1A	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.14
Argus Channel	6-802-1A	6	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.00
Argus Channel	6-802-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	1.43
Argus Channel	6-802-1A	6	Bank Repair	Allscale Scrub Alliance	N	Poor	0.14
Argus Channel	6-802-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.45
Argus Channel	6-802-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Fair	1.59
Argus Channel	6-802-1A	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Fair	0.00
Argus Channel	6-802-1A	6	Ingress / Egress	Allscale Scrub Alliance	N	Fair	0.00
Trona Flood Channel	6-803-1A	6	Bank Repair	Allscale Scrub Alliance	N	Good	0.55
Trona Flood Channel	6-803-1A	6	Mechanized Land Clearing	Allscale Scrub Alliance	N	Good	5.00
Trona Flood Channel	6-803-1A	6	Bank Repair	Allscale Scrub Alliance	N	Good	1.44
Trona Flood Channel	6-803-1A	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Good	0.05
Trona Flood Channel	6-803-1A	6	Ingress / Egress	Allscale Scrub Alliance	N	Good	0.00
Trona Flood Channel	6-803-1A	6	Bank Repair	Allscale Scrub Alliance	N	Good	0.00
Trona Flood Channel	6-803-1A	6	Mechanized Land Clearing	Allscale Scrub Alliance	N	Good	0.00
Trona Flood Channel	6-803-1A	6	Mechanized Land Clearing	Allscale Scrub Alliance	N	Good	0.01
Trona Flood Channel	6-803-1A	6	Bank Repair	Allscale Scrub Alliance	N	Good	0.41
Trona Flood Channel	6-803-1A	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Good	0.27
Trona Flood Channel	6-803-1A	6	Ingress / Egress	Allscale Scrub Alliance	N	Good	0.01
Southwest Barstow Channel	4-501-1D	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Fair	0.18
Southwest Barstow Channel	4-501-1D	4	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.07
Southwest Barstow Channel	4-501-1D	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.00
Southwest Barstow Channel	4-501-1D	4	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.00
Southwest Barstow Channel	4-501-1D	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.02
Southwest Barstow Channel	4-501-1D	4	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.61
Southwest Barstow Channel	4-501-1D	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	1.89
Southwest Barstow Channel	4-501-1D	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.50
Southwest Barstow Channel	4-501-1D	4	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.03
Southwest Barstow Channel	4-501-1D	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.30
Southwest Barstow Channel	4-501-1D	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.01
Southwest Barstow Channel	4-501-1D	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.00
Southwest Barstow Channel	4-501-1D	4	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.00
Southwest Barstow Channel	4-501-1D	4	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.00
Southwest Barstow Channel	4-501-1D	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.28
Southwest Barstow Channel	4-501-1D	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.00
Southwest Barstow Channel	4-501-1D	4	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.00
Southwest Barstow Channel	4-501-1D	4	Bank Repair	disturbed Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.25
Southwest Barstow Channel	4-501-1D	4	Herbicide Vector Control	disturbed Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.20
Southwest Barstow Channel	4-501-1D	4	Ingress / Egress	disturbed Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.01
Southwest Barstow Channel	4-501-1D	4	Mechanized Land Clearing	disturbed Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.05

Southwest Barstow Channel	4-501-1C	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Fair	0.47
Southwest Barstow Channel	4-501-1C	4	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.17
Southwest Barstow Channel	4-501-1C	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.08
Southwest Barstow Channel	4-501-1C	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.02
Southwest Barstow Channel	4-501-1C	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.07
Southwest Barstow Channel	4-501-1C	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.07
Southwest Barstow Channel	4-501-1C	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.54
Southwest Barstow Channel	4-501-1C	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.00
Southwest Barstow Channel	4-501-1E	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.00
Southwest Barstow Channel	4-501-1E	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.28
Waterman Road Channel	4-507-1A	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.02
Waterman Road Channel	4-507-1A	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Fair	0.00
Waterman Road Channel	4-507-1A	4	Ingress / Egress	Allscale Scrub Alliance	N	Fair	0.00
Waterman Road Channel	4-507-1A	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.00
Waterman Road Channel	4-507-1A	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.24
Waterman Road Channel	4-507-1A	4	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.01
Waterman Road Channel	4-507-1A	4	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.03
Waterman Road Channel	4-507-1A	4	Herbicide Vector Control	disturbed Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.00
Cemetery Channel	6-806-1A	6	Mechanized Land Clearing	disturbed Allscale Scrub Alliance	N	Fair	0.03
Borosolvay Channel	6-805-1B	6	Bank Repair	Allscale Scrub Alliance	N	Fair	0.01
Borosolvay Channel	6-805-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Fair	0.00
Borosolvay Channel	6-805-1B	6	Mechanized Land Clearing	Allscale Scrub Alliance	N	Fair	0.11
Borosolvay Channel	6-805-1B	6	Bank Repair	disturbed Allscale Scrub Alliance	N	Fair	0.46
Borosolvay Channel	6-805-1B	6	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Fair	0.48
Borosolvay Channel	6-805-1B	6	Ingress / Egress	disturbed Allscale Scrub Alliance	N	Fair	0.01
Borosolvay Channel	6-805-1B	6	Mechanized Land Clearing	disturbed Allscale Scrub Alliance	N	Fair	0.17
Borosolvay Channel	6-805-1B	6	Bank Repair	disturbed Allscale Scrub Alliance	N	Fair	0.01
Borosolvay Channel	6-805-1B	6	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Fair	0.08
Borosolvay Channel	6-805-1B	6	Ingress / Egress	disturbed Allscale Scrub Alliance	N	Fair	0.01
Borosolvay Channel	6-805-1B	6	Bank Repair	disturbed Allscale Scrub Alliance	N	Fair	0.06
Borosolvay Channel	6-805-1B	6	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Fair	0.28
Borosolvay Channel	6-805-1B	6	Ingress / Egress	disturbed Allscale Scrub Alliance	N	Fair	0.01
Rockcrusher Channel	6-804-1A	6	Bank Repair	Allscale Scrub Alliance	N	Good	0.04
Rockcrusher Channel	6-804-1A	6	Bank Repair	Allscale Scrub Alliance	N	Good	0.40
Rockcrusher Channel	6-804-1A	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Good	0.40
Rockcrusher Channel	6-804-1A	6	Ingress / Egress	Allscale Scrub Alliance	N	Good	0.01
Rockcrusher Channel	6-804-1A	6	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Good	0.46
Rockcrusher Channel	6-804-1A	6	Ingress / Egress	disturbed Allscale Scrub Alliance	N	Good	0.02
Rockcrusher and Trona Flood Channels	6-803-1B	6	Bank Repair	Allscale Scrub Alliance	N	Good	0.00
Rockcrusher and Trona Flood Channels	6-803-1B	6	Bank Repair	Allscale Scrub Alliance	N	Good	0.49
Rockcrusher and Trona Flood Channels	6-803-1B	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Good	0.08
Rockcrusher and Trona Flood Channels	6-803-1B	6	Ingress / Egress	Allscale Scrub Alliance	N	Good	0.00
Rockcrusher and Trona Flood Channels	6-803-1B	6	Bank Repair	Creosote Bush Scrub Alliance	N	Fair	0.57
Rockcrusher and Trona Flood Channels	6-803-1B	6	Herbicide Vector Control	Creosote Bush Scrub Alliance	N	Fair	0.29
Rockcrusher and Trona Flood Channels	6-803-1B	6	Ingress / Egress	Creosote Bush Scrub Alliance	N	Fair	0.01
Rockcrusher and Trona Flood Channels	6-803-1B	6	Mechanized Land Clearing	Creosote Bush Scrub Alliance	N	Fair	0.10
Rockcrusher and Trona Flood Channels	6-803-1B	6	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Fair	1.49
Rockcrusher and Trona Flood Channels	6-803-1B	6	Ingress / Egress	disturbed Allscale Scrub Alliance	N	Fair	0.01
Rockcrusher and Trona Flood Channels	6-803-1B	6	Herbicide Vector Control	disturbed Creosote Bush Scrub Alliance	N	Fair	0.23
Rockcrusher and Trona Flood Channels	6-803-1B	6	Ingress / Egress	disturbed Creosote Bush Scrub Alliance	N	Fair	0.00
Lucerne Valley Channel	6-301-1D	6	Bank Repair	Allscale Scrub Alliance	N	Poor	0.00
Lucerne Valley Channel	6-301-1D	6	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.11
Lucerne Valley Channel	6-301-1D	6	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.01
Lucerne Valley Channel	6-301-1D	6	Stock Pile Locations	Allscale Scrub Alliance	N	Poor	0.11
Lucerne Valley Channel	6-301-1D	6	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.02
Lucerne Valley Channel	6-301-1D	6	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.05
Lucerne Valley Channel	6-301-1D	6	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.02
Lucerne Valley Channel	6-301-1D	6	Bank Repair	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.06
Lucerne Valley Channel	6-301-1D	6	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.42
Lucerne Valley Channel	6-301-1D	6	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.07
Lucerne Valley Channel	6-301-1D	6	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.01
Lucerne Valley Channel	6-301-1D	6	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.00
Lucerne Valley Channel	6-301-1D	6	Herbicide Vector Control	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.01
Lucerne Valley Channel	6-301-1D	6	Ingress / Egress	Creosote Bush-White Burr Sage Scrub Alliance	N	Poor	0.00
Mojave River	4-101-1D	4	Herbicide Vector Control	Fourwing Saltbush Scrub Alliance	N	Fair	0.67
Mojave River	4-101-1D	4	Ingress / Egress	Fourwing Saltbush Scrub Alliance	N	Fair	0.00
Mojave River	4-101-1D	4	Herbicide Vector Control	Fourwing Saltbush Scrub Alliance	N	Poor	0.66
Mojave River	4-101-1D	4	Ingress / Egress	Fourwing Saltbush Scrub Alliance	N	Poor	0.00
Mojave River	4-101-1D	4	Herbicide Vector Control	Joshua Tree Woodland	N	Fair	0.06
Mojave River	4-101-1D	4	Ingress / Egress	Joshua Tree Woodland	N	Fair	0.00
Mojave River	4-101-1D	4	Bank Repair	Non-Native Grasslands	N	Fair	0.01
Mojave River	4-101-1F	4	Bank Repair	Allscale Scrub Alliance	N	Poor	0.47
Mojave River	4-101-1F	4	Herbicide Vector Control	Quailbush Scrub Alliance	N	Poor	0.09
Mojave River	4-101-1G	4	Bank Repair	Allscale Scrub Alliance	N	Fair	0.02
Mojave River	4-101-1I	4	Bank Repair	Allscale Scrub Alliance	N	Poor	0.10
Mojave River	4-101-1J	4	Bank Repair	Allscale Scrub Alliance	N	Poor	0.00
Mojave River	4-101-1J	4	Stock Pile Locations	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.19
Mojave River	4-101-1J	4	Bank Repair	Non-Native Grasslands	N	Fair	0.22
Mojave River	4-101-1K	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	0.04
Mojave River	4-101-1K	4	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.00
Mojave River	4-101-1K	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Good	0.22

Mojave River	4-101-1K	4	Ingress / Egress	Allscale Scrub Alliance	N	Good	0.00
Mojave River	4-101-1K	4	Herbicide Vector Control	California Joint Fir Scrub Alliance	N	Poor	0.07
Mojave River	4-101-1K	4	Ingress / Egress	California Joint Fir Scrub Alliance	N	Poor	0.00
Mojave River	4-101-1K	4	Herbicide Vector Control	California Joint Fir Scrub Alliance	N	Good	0.37
Mojave River	4-101-1K	4	Ingress / Egress	California Joint Fir Scrub Alliance	N	Good	0.00
Mojave River	4-101-1K	4	Bank Repair	Desert Panic Grass Patches	N	Poor	0.79
Mojave River	4-101-1K	4	Herbicide Vector Control	Desert Panic Grass Patches	N	Poor	1.31
Mojave River	4-101-1K	4	Ingress / Egress	Desert Panic Grass Patches	N	Poor	0.02
Mojave River	4-101-1K	4	Herbicide Vector Control	disturbed Fourwing Saltbush Scrub Alliance	N	Poor	0.63
Mojave River	4-101-1K	4	Bank Repair	Fourwing Saltbush Scrub Alliance	N	Poor	2.35
Mojave River	4-101-1K	4	Herbicide Vector Control	Fourwing Saltbush Scrub Alliance	N	Poor	0.35
Mojave River	4-101-1K	4	Ingress / Egress	Fourwing Saltbush Scrub Alliance	N	Poor	0.00
Mojave River	4-101-1K	4	Herbicide Vector Control	Fourwing Saltbush Scrub Alliance	N	Good	0.52
Mojave River	4-101-1K	4	Ingress / Egress	Fourwing Saltbush Scrub Alliance	N	Good	0.00
Mojave River	4-101-1L	4	Bank Repair	Allscale Scrub Alliance	N	Poor	0.31
Mojave River	4-101-1L	4	Bank Repair	Allscale Scrub Alliance	N	Fair	0.81
Mojave River	4-101-1L	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Fair	1.21
Mojave River	4-101-1L	4	Ingress / Egress	Allscale Scrub Alliance	N	Fair	0.00
Mojave River	4-101-1L	4	Bank Repair	Allscale Scrub Alliance	N	Poor	1.69
Mojave River	4-101-1L	4	Herbicide Vector Control	Allscale Scrub Alliance	N	Poor	1.73
Mojave River	4-101-1L	4	Ingress / Egress	Allscale Scrub Alliance	N	Poor	0.05
Mojave River	4-101-1L	4	Bank Repair	Desert Panic Grass Patches	N	Poor	0.37
Mojave River	4-101-1L	4	Herbicide Vector Control	Desert Panic Grass Patches	N	Poor	1.65
Mojave River	4-101-1L	4	Ingress / Egress	Desert Panic Grass Patches	N	Poor	0.03
Mojave River	4-101-1L	4	Bank Repair	disturbed Allscale Scrub Alliance	N	Poor	0.71
Mojave River	4-101-1L	4	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Poor	0.80
Mojave River	4-101-1L	4	Ingress / Egress	disturbed Allscale Scrub Alliance	N	Poor	0.05
Mojave River	4-101-1L	4	Bank Repair	disturbed Allscale Scrub Alliance	N	Poor	1.22
Mojave River	4-101-1L	4	Herbicide Vector Control	disturbed Allscale Scrub Alliance	N	Poor	0.02
Mojave River	4-101-1L	4	Ingress / Egress	disturbed Allscale Scrub Alliance	N	Poor	0.00
Mojave River	4-101-1L	4	Herbicide Vector Control	disturbed Fourwing Saltbush Scrub Alliance	N	Poor	0.16
Mojave River	4-101-1L	4	Ingress / Egress	disturbed Fourwing Saltbush Scrub Alliance	N	Poor	0.00
Mojave River	4-101-1L	4	Bank Repair	disturbed Fourwing Saltbush Scrub Alliance	N	Poor	0.04
Mojave River	4-101-1L	4	Bank Repair	Fourwing Saltbush Scrub Alliance	N	Poor	1.40
Mojave River	4-101-1L	4	Bank Repair	Fourwing Saltbush Scrub Alliance	N	Poor	1.22
Mojave River	4-101-1L	4	Bank Repair	Mesquite Bosque, Mesquite Thicket Alliance	N	Poor	1.04
Mojave River	4-101-1L	4	Bank Repair	Non-Native Grasslands	N	Poor	0.14
Mojave River	4-101-1L	4	Herbicide Vector Control	Non-Native Grasslands	N	Poor	0.12
Mojave River	4-101-1L	4	Ingress / Egress	Non-Native Grasslands	N	Poor	0.01
Mojave River	4-101-1M	4	Bank Repair	Allscale Scrub Alliance	N	Poor	0.39
Mojave River	4-101-1M	4	Mechanized Land Clearing	Allscale Scrub Alliance	N	Poor	0.12
Mojave River	4-101-1M	4	Bank Repair	disturbed Allscale Scrub Alliance	N	Poor	0.58
Mojave River	4-101-1M	4	Bank Repair	Non-Native Grasslands	N	Poor	0.20
Adelanto East Channel	4-355-1A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.31
Adelanto East Channel	4-355-1A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.54
Adelanto East Channel	4-355-1A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.51
Adelanto East Channel	4-355-1A	4	Mechanized Land Clearing	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.10
	4-501-1A	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Fair	0.03
	4-501-1C	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Fair	0.26
	4-501-1C	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.11
	4-501-1D	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.16
	4-501-1D	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Good	0.47
	4-501-1E	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.83
	4-501-1E	4	Fed Maintenance Layer	Creosote Bush-White Burr Sage Scrub Alliance	N	Fair	0.33
	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.77
	4-601-1B	4	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.14
	4-601-1B	4	Fed Maintenance Layer	Fourwing Saltbush Scrub Alliance	N	Poor	0.11
	6-802-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.09
	6-603-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.11
	6-603-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.16
	6-603-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	1.30
	6-603-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.65
	6-603-1A	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Fair	3.61
	6-603-1B	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.18
	6-603-1B	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.01
	6-603-1B	6	Fed Maintenance Layer	Allscale Scrub Alliance	N	Poor	0.08

APPENDIX H

Delhi Sands Flower Loving Fly Classification Results

Name	RedbookNum	Zone	MUName	Rank	EMD_Op	Acres
West Cucamonga Channel	1-201-1G	1	DELHI FINE SAND	2	Herbicide Vector Control	0.23
West Cucamonga Channel	1-201-1G	1	DELHI FINE SAND	1	Herbicide Vector Control	0.88
West Cucamonga Channel	1-201-1G	1	DELHI FINE SAND	1	Ingress / Egress	0.02
West Cucamonga Channel	1-201-1G	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.86
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	2	Fed Maintenance Layer	0.14
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	2	Herbicide Vector Control	0.00
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	2	Fed Maintenance Layer	0.11
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	2	Herbicide Vector Control	0.00
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	2	Fed Maintenance Layer	0.10
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	2	Herbicide Vector Control	0.08
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	2	Ingress / Egress	0.01
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	1	Fed Maintenance Layer	3.62
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	1	Herbicide Vector Control	0.13
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	1	Ingress / Egress	0.00
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.69
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	1	Herbicide Vector Control	0.65
West Cucamonga Channel	1-201-1H	1	DELHI FINE SAND	1	Ingress / Egress	0.00
Cucamonga Channel, COE	1-301-1G	1	DELHI FINE SAND	1	Fed Maintenance Layer	4.57
Cucamonga Channel, COE	1-301-1G	1	DELHI FINE SAND	1	Herbicide Vector Control	2.55
Cucamonga Channel, COE	1-301-1G	1	DELHI FINE SAND		Ingress / Egress	0.03
Cucamonga Channel, COE	1-301-1G	1	DELHI FINE SAND	1	Mechanized Land Clearing	9.19
Cucamonga Channel, COE	1-301-1H	1	DELHI FINE SAND	1	Fed Maintenance Layer	5.75
Cucamonga Channel, COE	1-301-1H	1	DELHI FINE SAND	1	Herbicide Vector Control	1.06
Cucamonga Channel, COE	1-301-1H	1	DELHI FINE SAND	1	Ingress / Egress	0.29
Cucamonga Channel, COE	1-301-1H	1	DELHI FINE SAND	1	Mechanized Land Clearing	7.08
Cucamonga Channel, COE	1-301-1H	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.37
Cucamonga Channel, COE	1-301-1H	1	DELHI FINE SAND	1	Fed Maintenance Layer	1.55
Cucamonga Channel, COE	1-301-1H	1	DELHI FINE SAND	1	Herbicide Vector Control	0.17
Cucamonga Channel, COE	1-301-1H	1	DELHI FINE SAND	1	Mechanized Land Clearing	5.24
Cucamonga Channel, COE	1-301-1H	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.06
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Fed Maintenance Layer	0.06
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Herbicide Vector Control	0.01
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Fed Maintenance Layer	4.13
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Herbicide Vector Control	0.50
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Vegetation Management	1.58
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Fed Maintenance Layer	7.70
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Herbicide Vector Control	0.70
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Ingress / Egress	0.00
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Mechanized Land Clearing	12.41
Riverside Basin	1-604-4A	1	Delhi fine sand	1	Vegetation Management	2.19
Riverside Basin	1-604-4A	1	Delhi fine sand, 2 t	1	Fed Maintenance Layer	0.01
Riverside Basin	1-604-4A	1	Delhi fine sand, 2 t	1	Herbicide Vector Control	0.00
Riverside Basin	1-604-4A	1	Delhi fine sand, 2 t	1	Fed Maintenance Layer	0.29
Riverside Basin	1-604-4A	1	Delhi fine sand, 2 t	1	Herbicide Vector Control	0.01
Wineville Basin	1-603-4A	1	DELHI FINE SAND		Herbicide Vector Control	0.00
Wineville Basin	1-603-4A	1	DELHI FINE SAND	4	Ingress / Egress	0.00
Wineville Basin	1-603-4A	1	DELHI FINE SAND	4	Ingress / Egress	0.00
Wineville Basin	1-603-4A	1	DELHI FINE SAND	3	Herbicide Vector Control	0.17
Wineville Basin	1-603-4A	1	DELHI FINE SAND	3	Ingress / Egress	0.00
Wineville Basin	1-603-4A	1	DELHI FINE SAND	3	Herbicide Vector Control	0.82
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Herbicide Vector Control	2.25
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Mechanized Land Clearing	2.56
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Vegetation Management	2.42
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Herbicide Vector Control	0.92
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Ingress / Egress	0.00
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Mechanized Land Clearing	0.54
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Vegetation Management	0.76
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Herbicide Vector Control	5.23
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Ingress / Egress	0.01
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Mechanized Land Clearing	2.81
Wineville Basin	1-603-4A	1	DELHI FINE SAND	2	Vegetation Management	3.22
Wineville Basin	1-603-4A	1	DELHI FINE SAND	1	Herbicide Vector Control	0.03
Wineville Basin	1-603-4A	1	DELHI FINE SAND	1	Mechanized Land Clearing	50.69
Wineville Basin	1-603-4A	1	DELHI FINE SAND	1	Vegetation Management	0.04
Wineville Basin	1-603-4A	1	DELHI FINE SAND	3	Herbicide Vector Control	0.16
Day Creek Channel	1-601-1E	1	DELHI FINE SAND	1	Herbicide Vector Control	5.72

Day Creek Channel	1-601-1E	1	DELHI FINE SAND	1	Ingress / Egress	0.03
Day Creek Channel	1-601-1E	1	DELHI FINE SAND	1	Mechanized Land Clearing	2.90
Grove Avenue Basin	1-910-4A	1	DELHI FINE SAND	1	Fed Maintenance Layer	8.36
Grove Avenue Basin	1-910-4A	1	DELHI FINE SAND	1	Herbicide Vector Control	0.04
Grove Avenue Basin	1-910-4A	1	DELHI FINE SAND	1	Ingress / Egress	0.01
Grove Avenue Basin	1-910-4A	1	DELHI FINE SAND	1	Mechanized Land Clearing	9.65
Dedez Channel	1-813-1B	1	DELHI FINE SAND	1	Herbicide Vector Control	3.00
Dedez Channel	1-813-1B	1	DELHI FINE SAND	1	Ingress / Egress	0.28
Dedez Channel	1-813-1B	1	DELHI FINE SAND	1	Mechanized Land Clearing	3.64
Dedez Channel	1-813-1B	1	Delhi fine sand		Herbicide Vector Control	0.01
Dedez Channel	1-813-1B	1	Delhi fine sand		Ingress / Egress	0.00
Dedez Channel	1-813-1B	1	Delhi fine sand		Mechanized Land Clearing	0.00
Dedez Channel	1-813-1B	1	Delhi fine sand	1	Herbicide Vector Control	1.70
Dedez Channel	1-813-1B	1	Delhi fine sand	1	Ingress / Egress	0.03
Dedez Channel	1-813-1B	1	Delhi fine sand	1	Mechanized Land Clearing	7.30
Dedez Channel	1-813-1B	1	Delhi fine sand	1	Vegetation Management	4.28
Dedez Channel	1-813-1B	1	Delhi fine sand, 2 t		Herbicide Vector Control	0.00
Dedez Channel	1-813-1B	1	Delhi fine sand, 2 t	1	Herbicide Vector Control	1.31
Dedez Channel	1-813-1B	1	Delhi fine sand, 2 t	1	Ingress / Egress	0.00
Dedez Channel	1-813-1B	1	Delhi fine sand, 2 t	1	Mechanized Land Clearing	6.06
Dedez Channel	1-813-1B	1	Delhi fine sand, 2 t	1	Vegetation Management	3.49
Ely Basin #2	1-211-4B	1	DELHI FINE SAND	1	Fed Maintenance Layer	16.78
Ely Basin #2	1-211-4B	1	DELHI FINE SAND	1	Herbicide Vector Control	0.48
Ely Basin #2	1-211-4B	1	DELHI FINE SAND	1	Ingress / Egress	0.01
Ely Basin #1	1-211-4A	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.91
Ely Basin #1	1-211-4A	1	DELHI FINE SAND	1	Herbicide Vector Control	0.22
Ely Basin #1	1-211-4A	1	DELHI FINE SAND	1	Ingress / Egress	0.01
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.02
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	2	Herbicide Vector Control	0.00
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	2	Mechanized Land Clearing	0.35
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	2	Vegetation Management	0.85
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	1	Fed Maintenance Layer	1.13
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	1	Herbicide Vector Control	2.98
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	1	Ingress / Egress	0.00
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	1	Mechanized Land Clearing	6.84
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	1	Vegetation Management	0.81
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	2	Herbicide Vector Control	0.05
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	2	Mechanized Land Clearing	0.28
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	2	Vegetation Management	0.98
Lower Cucamonga Sprdg Grnds	1-310-2A	1	DELHI FINE SAND	3	Herbicide Vector Control	0.24
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND		Herbicide Vector Control	0.00
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND		Ingress / Egress	0.00
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	1	Fed Maintenance Layer	1.66
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	1	Herbicide Vector Control	1.34
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	1	Ingress / Egress	0.02
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.60
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	1	Stock Pile Locations	0.99
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.00
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	2	Herbicide Vector Control	0.03
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	2	Mechanized Land Clearing	1.21
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	2	Stock Pile Locations	0.07
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	2	Fed Maintenance Layer	0.13
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	2	Herbicide Vector Control	0.01
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	2	Ingress / Egress	0.00
Lower Cucamonga Sprdg Grnds	1-310-2C	1	DELHI FINE SAND	3	Herbicide Vector Control	0.00
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND		Fed Maintenance Layer	0.00
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	4	Herbicide Vector Control	0.28
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.00
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	2	Herbicide Vector Control	0.26
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	2	Mechanized Land Clearing	0.42
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	2	Vegetation Management	1.34
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	2	Fed Maintenance Layer	0.38
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	2	Herbicide Vector Control	0.04
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	2	Mechanized Land Clearing	0.57
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	2	Vegetation Management	1.20
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	1	Fed Maintenance Layer	2.56
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	1	Herbicide Vector Control	3.32

Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	1	Mechanized Land Clearing	15.15
Lower Cucamonga Sprdg Grnds	1-310-2B	1	DELHI FINE SAND	1	Vegetation Management	0.51
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Herbicide Vector Control	0.22
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Ingress / Egress	0.00
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.05
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	3	Herbicide Vector Control	0.02
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Herbicide Vector Control	9.30
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Ingress / Egress	0.66
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Mechanized Land Clearing	3.51
Lower Cucamonga Sprdg Grnds	1-310-2D	1	DELHI FINE SAND	1	Fed Maintenance Layer	2.02
Lower Cucamonga Sprdg Grnds	1-310-2D	1	DELHI FINE SAND	1	Herbicide Vector Control	1.41
Lower Cucamonga Sprdg Grnds	1-310-2D	1	DELHI FINE SAND	1	Stock Pile Locations	0.71
Lower Cucamonga Sprdg Grnds	1-310-2D	1	DELHI FINE SAND	1	Vegetation Management	7.80
Lower Cucamonga Sprdg Grnds	1-310-2D	1	DELHI FINE SAND	3	Herbicide Vector Control	0.55
Lower Cucamonga Sprdg Grnds	1-310-2D	1	DELHI FINE SAND	3	Stock Pile Locations	0.00
Chris Basin	1-501-4A	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.00
Chris Basin	1-501-4A	1	DELHI FINE SAND	1	Herbicide Vector Control	0.80
Chris Basin	1-501-4A	1	DELHI FINE SAND	1	Mechanized Land Clearing	6.12
Chris Basin	1-501-4A	1	DELHI FINE SAND	1	Vegetation Management	1.39
Chris Basin	1-501-4A	1	DELHI FINE SAND	1	Herbicide Vector Control	0.21
Chris Basin	1-501-4A	1	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.26
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Herbicide Vector Control	0.23
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND		Ingress / Egress	0.00
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.24
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Fed Maintenance Layer	0.11
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Herbicide Vector Control	0.37
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Ingress / Egress	0.00
Lower Deer Creek Channel	1-501-1I	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.46
County Line Channel	1-317-1A	1	DELHI FINE SAND	1	Herbicide Vector Control	2.99
County Line Channel	1-317-1A	1	DELHI FINE SAND	1	Ingress / Egress	0.02
County Line Channel	1-317-1A	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.90
County Line Channel	1-317-1A	1	Delhi fine sand	1	Herbicide Vector Control	0.04
County Line Channel	1-317-1A	1	Delhi fine sand		Ingress / Egress	0.00
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	4	Herbicide Vector Control	0.00
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	4	Ingress / Egress	0.00
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	4	Ingress / Egress	0.00
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	2	Herbicide Vector Control	0.00
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	2	Ingress / Egress	0.00
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	2	Herbicide Vector Control	0.00
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	2	Ingress / Egress	0.00
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	2	Mechanized Land Clearing	0.01
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.06
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	1	Herbicide Vector Control	2.40
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	1	Ingress / Egress	0.19
Lower Etiwanda Creek Channel	1-701-1H	1	DELHI FINE SAND	1	Mechanized Land Clearing	1.40
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	2	Herbicide Vector Control	0.02
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Herbicide Vector Control	0.12
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.00
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Herbicide Vector Control	0.01
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.12
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Herbicide Vector Control	9.69
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Ingress / Egress	0.25
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Mechanized Land Clearing	5.64
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Herbicide Vector Control	2.81
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Mechanized Land Clearing	2.86
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Herbicide Vector Control	0.01
Day Creek Channel	1-601-1F	1	DELHI FINE SAND	1	Mechanized Land Clearing	0.35
Day Creek Channel	1-601-1F	1	Delhi fine sand	1	Herbicide Vector Control	0.00
Mill Basin	2-107-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.61
Mill Basin	2-107-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	1.62
Mill Basin	2-107-4A	2	DELHI FINE SAND	1	Mechanized Land Clearing	8.36
Mill Basin	2-107-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.32
Mill Basin	2-107-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.17

Mill Basin	2-107-4A	2	DELHI FINE SAND	1	Ingress / Egress	0.00
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND		Herbicide Vector Control	0.03
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND		Ingress / Egress	0.00
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	2	Bank Repair	0.41
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	2	Herbicide Vector Control	0.04
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	2	Ingress / Egress	0.00
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	2	Mechanized Land Clearing	0.18
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	4	Bank Repair	0.00
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	4	Herbicide Vector Control	0.01
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	2	Bank Repair	0.00
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	2	Herbicide Vector Control	0.01
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	2	Mechanized Land Clearing	0.04
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	3	Herbicide Vector Control	0.03
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	4	Bank Repair	0.01
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	4	Herbicide Vector Control	0.34
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	4	Bank Repair	0.01
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	4	Herbicide Vector Control	0.25
East Rialto Storm Drain	2-105-6C	2	DELHI FINE SAND	4	Ingress / Egress	0.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.11
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Ingress / Egress	0.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Mechanized Land Clearing	9.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	1.63
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Ingress / Egress	0.01
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Mechanized Land Clearing	1.40
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Ingress / Egress	0.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Ingress / Egress	0.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.10
Randall Basin	2-113-4A	2	DELHI FINE SAND	1	Ingress / Egress	0.00
Pepper Basin	2-106-4A	2	DELHI FINE SAND		Herbicide Vector Control	0.02
Pepper Basin	2-106-4A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.86
Pepper Basin	2-106-4A	2	DELHI FINE SAND	1	Ingress / Egress	0.00
Pepper Basin	2-106-4A	2	DELHI FINE SAND	1	Mechanized Land Clearing	2.47
Pepper Basin	2-106-4A	2	DELHI FINE SAND	1	Vegetation Management	0.66
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Herbicide Vector Control	0.56
Rialto Channel	2-120-1C	2	DELHI FINE SAND		Ingress / Egress	0.00
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Mechanized Land Clearing	0.17
Rialto Channel	2-120-1C	2	DELHI FINE SAND	2	Bank Repair	0.46
Rialto Channel	2-120-1C	2	DELHI FINE SAND	2	Herbicide Vector Control	0.23
Rialto Channel	2-120-1C	2	DELHI FINE SAND	2	Ingress / Egress	0.03
Rialto Channel	2-120-1C	2	DELHI FINE SAND	2	Mechanized Land Clearing	0.37
Rialto Channel	2-120-1C	2	DELHI FINE SAND	3	Herbicide Vector Control	0.00
Rialto Channel	2-120-1C	2	DELHI FINE SAND	3	Ingress / Egress	0.00
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Bank Repair	0.28
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Herbicide Vector Control	0.00
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Ingress / Egress	0.01
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Mechanized Land Clearing	0.15
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Bank Repair	0.00
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Herbicide Vector Control	0.62
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Ingress / Egress	0.04
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Mechanized Land Clearing	0.61
Rialto Channel	2-120-1C	2	DELHI FINE SAND	1	Vegetation Management	0.51
Deciez Channel	2-124-1A	2	DELHI FINE SAND	1	Herbicide Vector Control	1.05
Deciez Channel	2-124-1A	2	DELHI FINE SAND	1	Ingress / Egress	0.07
Deciez Channel	2-124-1A	2	DELHI FINE SAND	1	Mechanized Land Clearing	0.72
Deciez Channel	2-124-1A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.38
Deciez Channel	2-124-1A	2	DELHI FINE SAND	1	Ingress / Egress	0.04
Deciez Channel	2-124-1A	2	DELHI FINE SAND	1	Mechanized Land Clearing	0.26
Deciez Channel	2-124-1A	2	DELHI FINE SAND	1	Herbicide Vector Control	0.65
Deciez Channel	2-124-1A	2	DELHI FINE SAND	1	Ingress / Egress	0.09
Deciez Channel	2-124-1A	2	DELHI FINE SAND	1	Mechanized Land Clearing	0.62