

2565 Puesta Del Sol Road #3 Santa Barbara, CA 93105 (805) 682-2065 www.storrerenvironmental.com

December 14, 2018

Tess Harris County of Santa Barbara 123 East Anapamu Street Santa Barbara, CA 93101

#### Re: Addendum to the Biological Resources Assessment for the Montecito Debris Flow Mitigation Project, Santa Barbara County, California

This Addendum to the Biological Resources Assessment (Addendum) presents the results of the additional biological surveys conducted by Storrer Environmental Services, LLC (SES), on behalf of The Partnership for Resilient Communities (TPRC). This Addendum is intended to summarize changes to the information presented in the Biological Resources Assessment (Assessment) (SES 2018). The Assessment was submitted on October 31, 2018 as part of applications for regulatory agency permits to install debris flow nets in five creek corridors in Montecito (Cold Spring Creek, Hot Springs Creek, San Ysidro Creek, Buena Vista Creek, and Romero Creek), Santa Barbara County, California (Project).

The changes addressed in this Addendum including the following:

- Deletion of two nets from Hot Springs Creek (HS-6 and HS-7) from the Project description.
- Relocation of one net in San Ysidro Creek (SY-7a) to avoid public trails.

#### **UPDATED PROJECT DESCRIPTION**

The updated Project involves installation of 13 Geobrugg flexible debris flow nets in four creek corridors in Montecito (Cold Spring Creek, San Ysidro Creek, Buena Vista Creek, and Romero Creek). The change in the number of nets proposed is due to deletion of the two locations in Hot Springs Creek (HS-6 and HS-7) identified in the original application.

In addition to the removal of the two nets in Hot Springs Creek, one net location in San Ysidro Creek (SY-7) was relocated approximately 190 feet downstream to avoid a public trail crossing in the creek channel. The new net location is now referred to as SY-7a (see attached Site Photographs). Table 1 below provides a description of the net type, site dimensions, and coordinates at SY-7a.

Net Location	Net Type*	Net Height* (feet)	Bottom Net Width* (feet)	Top Net Width* (feet)	Total Retention Volume (cubic meters)	Latitude	Longitude
SY-7a	SVX180-H6	20	22	60	7,442	34.468114	-119.622978

Table 1	1 –	Descr	iption	of	New	Net	Locatio	on in	San	Ysidro	Creek
I ubic 1	-	Deser	Puon	•••	11011	1100	Locuti		Dui		OI COM

\*Net types, site dimensions, and retention volumes provided by the *Design Calculation Report* (KANE 2018).

#### ADDITIONAL FIELD SURVEYS

SES accompanied KANE Geotech, Inc. (KANE) Engineers and Access Limited Construction (ALC) personnel on December 4, 2018 to select the new net location for SY-7a and map proposed impact areas (i.e., top and bottom net anchors, construction and maintenance areas). The net anchor locations, construction area, and maintenance area were mapped using an iPad tablet with ArcCollector and an EOS Arrow 100 High Accuracy Global Navigation Satellite System (GNSS) receiver.

SES biologists returned to SY-7a on December 7, 2018 to document existing conditions and biological resources at the new net location. The biological field investigation included a jurisdictional delineation and mapping, botanical survey, and wildlife survey. Jurisdictional boundaries and special-status plant species were also mapped using an iPad tablet with ArcCollector and an EOS Arrow 100 High Accuracy GNSS receiver.

#### **Botanical Survey**

A Vegetation Rapid Assessment (RA) was conducted at SY-7a, per the California Department of Fish and Wildlife (CDFW)-California Native Plant Society (CNPS) Vegetation Rapid Assessment Protocol (CDFW 2016). The RA was conducted within a 30 meter radius of the net location and data was collected on the CDFW-CNPS Combined Rapid Assessment Field Form (see attached Vegetation Rapid Assessment Field Form). All vascular plant species observed within the 30 meter survey plot and along the surrounding banks at SY-7a were recorded. A species list and percent cover intervals for each species were recorded for the both the vegetation communities along the creek channel/lower banks, as well as the vegetation communities along the upper banks/TOB (see Appendix B – Vegetation Rapid Assessment Field Form).

#### Wildlife Survey

During the December 2018 survey, all wildlife species observed within the San Ysidro Creek corridor and at SY-7a were noted and a general evaluation of the character and quality of wildlife habitat at the new net location was made. Protocol aquatic surveys were not performed as part of the additional field investigation.

#### **Delineation of Waters of the U.S.**

Pursuant to Section 401 of the CWA, the limit of USACE jurisdiction in non-tidal waters extends to the ordinary high water mark (OHWM) and includes all adjacent wetlands. The OHWM is an element used to identify the lateral limits of non-wetland waters based on

stream geomorphology and vegetation response to the dominant stream discharge (Lichvar and McColley 2008). The width of the channel at the OHWM was mapped and jurisdictional acreages were calculated using aerial imagery and ArcGIS (see Revised Figure 6e).

#### **Delineation of CDFW Jurisdiction**

The stream banks and canyon walls the SY-7a net location are steeply incised and most of the vegetation along the slopes was burned in the Thomas Fire. Approximate top-of-bank (TOB) was mapped in the field using obvious topographic changes and ridgelines as boundaries. As with all of the proposed net locations, the TOB corresponds to the extent of CDFW jurisdiction and was mapped with the greatest accuracy possible (see Revised Figure 6e). CDFW jurisdictional acreages were calculated using aerial imagery and ArcGIS.

#### RESULTS

The following sections provide a summary of environmental conditions at SY-7a including existing plant communities and jurisdictional areas documented during the December 7, 2018 field survey. Representative photographs of environmental conditions present at SY-7a are provided in Attachment A.

#### Hydrology & Jurisdictional Waters

All of the creeks surveyed as part of the Project are perennial, ultimately discharging into the Pacific Ocean, and therefore, are considered jurisdictional Waters of the U.S. under current federal guidance. Recent scour was evident in the San Ysidro Creek channel from storm events on November 27-29, 2018 and December 4-5, 2018. The active flow in the channel was approximately 14 inches to 4 feet wide, and ranged from 2 to 6 inches deep. The channel was approximately 10 to 25 feet wide at the OHWM, which was determined using physical marks on the landscape (e.g., debris racking, topographic breaks in slope, etc.) (see Attachment A – Site Photographs; Revised Figure 6e).

#### **Vegetation Communities**

The scour and sediment deposition from storms in late November/early December 2018 removed the majority of the herbaceous vegetation from the stream channel. The total vascular vegetation cover, non-vascular cover, individual species cover, and vegetation alliances/associations at SY-7a are provided in the attached Vegetation Rapid Assessment Field Form and are summarized in Table 2 below.

Net Location	Field-assessed Vegetation Alliance	Field-assessed Vegetation Association	Adjacent Alliances	Percent Total Non- vascular Cover	Percent Total Vascular Vegetation Cover
SY-7a	Canyon sunflower scrub	California bay forest	Coast live oak woodland	95	5

#### Table 2 – Summary of Vegetation Communities and Cover at SY-7a

All vegetation communities, including those observed in and around SY-7a, are described in detail in Section 4.2 of the Assessment. A complete vascular plant species inventory is also included in the Assessment.

#### Special-status Plant Species Observed at SY-7a

**Plummer's baccharis (***Baccharis plummerae* **ssp.** *plummerae***)** (*CRPR 4.2, G3, S3*). Four Plummer's baccharis individuals were observed near the eastern TOB at SY-7a, just downslope from the public trail that parallels San Ysidro Creek (see Revised Figure 6e). Table 3 provides a summary of the Plummer's baccharis occurrence that was observed and mapped at the SY-7a net location during the December 7, 2018 field survey. A CDFW CNDDB form for this observation is included as an attachment to this Addendum.

 Table 3 – Summary of Special-status Plant Species Abundance & Distribution

Net Location	Feature Type <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Number of Plants Observed/ Description of Location	Total Area <sup>3</sup> (square feet)
SY-7a	Point	34.468207	-119.622870	4 plants on slope east of net site; 30 feet above the channel and 6 feet downslope of the public trail	16

<sup>1</sup> Populations with multiple individuals were mapped as polygon features; individual plants were mapped as point features.

 $^2$  All features were collected in datum NAD83, State Plane CA Zone 5.

<sup>3</sup>Approximate area for point features was visually estimated in the field. Area for polygon features was generated using ArcGIS.

# Wildlife Resources

The field surveys enabled a characterization of habitat quality and assessment of potential for occurrence of special-status wildlife species (e.g., southern California steelhead, California red-legged frog [CRLF], coast range newt, southwestern pond turtle, two-striped gartersnake, Cooper's hawk.). No new wildlife species or special-status wildlife species were detected or observed during the December 7, 2018 field survey in San Ysidro Creek. Due to the proximity of SY-7a to the previously proposed location, approximately 190 feet downstream, wildlife habitat is nearly identical to what is described in the Assessment. A complete list of all wildlife species observed during field surveys is also included in the Assessment (SES 2018).

# **IMPACT DISCUSSION**

The follow sections describe the potential impacts of the proposed Project on biological resources. For the purposes of this analysis, net installation and maintenance, including removal of accumulated debris, are considered temporary impacts. The debris nets are intended to be in place for a period of up to 5 years, and then removed as the watersheds effected by the Thomas Fire revegetate. Temporary impacts would result from net installation and required maintenance activities.

Direct impacts to plant and wildlife habitat would occur through staging and operation of equipment for net installation, accumulation of debris behind the nets, and redistribution of accumulated material downstream if/when an event occurs. The construction and maintenance areas for the SY-7a net location are depicted in the attached Revised Figure 6e.

#### **Impacts to Jurisdictional Resources**

Cold Spring Creek, San Ysidro Creek, Buena Vista Creek, and Romero Creek contain USACE non-wetland Waters of the U.S. and CDFW Streambeds. The impacts to USACE, CDFW, and County are summarized in Table 4 below.

		Construction		Maintenance/Debris Flow Removal				
Net Location	Non- Wetland Waters of the U.S. (acres)	CDFW Streambed <sup>1</sup> (acres)	County ESH <sup>2</sup> (acres)	Non- Wetland Waters of the U.S. (acres)	CDFW Streambed <sup>1</sup> (acres)	County ESH <sup>2</sup> (acres)		
Cold Spring	Creek							
CS-11	0.01	0.04	0.04	0.1	0.32	0.32		
CS-18	0.01	0.05	0.05	0.07	0.18	0.18		
Subtotal:	0.02	0.09	0.09	0.17	0.5	0.5		
San Ysidro (	Creek							
SY-7a	0.04	0.05	0.05	0.07	0.09	0.09		
SY-18	0.01	0.03	0.03	0.1	0.26	0.26		
Subtotal:	0.05	0.08	0.08	0.17	0.35	0.35		
Buena Vista	Creek							
BV-2	0.01	0.03	0.03	0.03	0.07	0.07		
BV-4	0.01	0.07	0.07	0.05	0.18	0.18		
BV-5	0.01	0.04	0.04	0.05	0.14	0.14		
BV-6	0.01	0.03	0.03	0.04	0.11	0.11		
BV-7	0.01	0.03	0.03	0.04	0.11	0.11		
BV-10	0.01	0.03	0.03	0.06	0.17	0.17		
BV-11	0.02	0.08	0.08	0.1	0.18	0.18		
Subtotal:	0.08	0.31	0.31	0.37	0.96	0.96		
Romero Cre	Romero Creek							
RC-12	0.01	0.04	0.04	0.05	0.09	0.09		
RC-15	0.01	0.03	0.03	0.06	0.16	0.16		
Subtotal:	0.02	0.07	0.07	0.11	0.25	0.25		
Totals:	0.17	0.55	0.55	0.82	2.06	2.06		

 Table 4 – Summary of Impacts to Jurisdictional Resources

<sup>1</sup> Acreage for CDFW-jurisdictional areas includes Non-wetland Waters of the U.S.

<sup>2</sup> Acreage for County ESH includes Non-wetland Waters of the U.S. and CDFW-jurisdictional areas.

#### U.S. Army Corps of Engineers

USACE jurisdiction extends to the OHWM on the banks of the creek at each net location. Installation and maintenance of the 13 proposed nets will result in cumulative, temporary impacts to 0.99-acre of USACE-jurisdictional Waters of the U.S.

#### CDFW Jurisdictional Streambed

All of the nets would be installed below the TOB and therefore, wholly within CDFW jurisdiction. The installation and maintenance of the 13 proposed nets will result in cumulative, temporary impacts to 2.61 acres of CDFW-jurisdictional stream bed and bank and associated riparian habitat.

#### Central Coast Regional Water Quality Control Board

All of the creeks are perennial and discharge into downstream waters (i.e., Pacific Ocean). The Central Coast RWQCB regulates work involving discharge of pollutants into waters/wetlands under Section 402 of the CWA and the National Pollutant Discharge Elimination System permit (NPDES) program.

#### County of Santa Barbara

Jurisdictional streams and associated riparian vegetation are considered Environmentally Sensitive Habitat (ESH) by the County. The lateral extent of County jurisdiction in streams corresponds to CDFW jurisdiction, which in this case is the TOB at each net location. The installation and maintenance of the proposed nets will result in cumulative, temporary impacts to 2.61 acres of County-designated ESH.

#### **Impacts to Special-status Plant Species**

No impacts to Plummer's baccharis plants located near SY-7a are expected as part of net construction and maintenance. The plants are located close to the TOB and above the net location (see Revised Figure 6e).

No special-status plant species were observed at the locations in Hot Springs Creek (HS-6 and HS-7), which have now been deleted from the Project description.

#### **Impacts to Special-status Wildlife**

The relocation of SY-7a (approximately 190 feet downstream) is not expected to result in a change in impacts to wildlife from what was described in the Assessment.

#### **RECOMMENDED AVOIDANCE & MINIMIZATION MEASURES**

Please refer to the Assessment for recommended avoidance and minimization measures to reduce impacts to biological resources that might result from net installation and maintenance.

#### LITERATURE CITED

- California Department of Fish and Wildlife (CDFW). 2016. CDFW-CNPS Protocol for the Combined Vegetation Rapid Assessment and Releve Field Form. April 28, 2016.
- KANE Geotech, Inc. (KANE). 2018. Montecito Debris Flow Mitigation, Geobrugg Debris Flow Mitigations Systems, Design Calculation Report. Montecito, California. Prepared for the Partnership for Resilient Communities. October 1, 2018.
- Lichvar, Robert W. and Shawn M. McColley. 2008. A field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States. A delineation Manual. Cold Regions Research and Engineering Laboratory. U.S. Army Corps of Engineers.
- Storrer Environmental Services, LLC (SES). 2018. Biological Resources Assessment for the Montecito Debris Flow Mitigation Project, Santa Barbara County, California. October 2018.

Please contact us if you have any questions regarding this Addendum.

Sincerely,

John Storrer Principal Wildlife Biologist

Jessica Peak Senior Botanist Storrer Environmental Services, LLC

Attachments: Revised Figure 6e Site Photographs Vegetation Rapid Assessment Field Form CNDDB Form

# **REVISED FIGURE 6e**

# LEGEND:



ORRER RONMENTAL R V I C E S Santa Barbara, CA. 93105 (805) 682-2065 www.storrerenvironmental.com Proposed Net Locations, Jurisdictional Boundaries, and Sensitive Resources Montecito Debris Flow Mitigation Project The Partnership for Resilient Communities (TPRC) Santa Barbara County, CA

Revised Figure 6e

December 13, 2018

# SITE PHOTOGRAPHS

### (All Photographs Taken December 7, 2018)



Photo 1 – View of SY-7a net location looking upstream (Aspect: North).



Photo 2 – View of SY-7a net location looking downstream (Aspect: Southeast).

# **VEGETATION RAPID ASSESSMENT FIELD FORM**

# Combined Vegetation Rapid Assessment and Relevé Field Form (Revised April 28, 2016)

For Office Use:	Final database #:	Final vegetation type:	Alliance	
LOCATIONAL	/ENVIRONMENTA	L DESCRIPTION	ASSOCIATION	circle: Relevé or RA
Database #: Ne	Date: 1	Name of record	er: CSica Peal	K
14	ite 12/7	18 Other surveyor	s: Justine Cor	DOCK
SY-70	Location Na	me:	guillite see	Labor
CPS names 1041	INOCCALOCHY IA	REON 100 For Baland	only Bearing left avi	a at ID point of Long / Short side
GFS name: 14001	11 to concorracio	For Releve	only: bearing , left axis	s at ID point of Long 7 Short side
Decimal degrees:	LAT 34.4	-66114	LONG -   9	NAD83 GPS error/ft.)m./PDOP
GPS within stan	d? Yes / No If	No, cite from GPS to stand: di	stance (m) bearing	• inclination •
and record: Base	e point ID	Projected UTM	s: UTME	UTMN
Camera Name: U	C Cardina	l photos at ID point:	and a specie where we have	and the second state of the second state
Other photos:		and States and	i dagan alike	ARCAL STREET
Stand Size (acres)	:(1, 1-5, >5	Plot Size (m <sup>2</sup> ): 100 /	Plot Shape x	m   RA Radius 30 m
Exposure, Actual	•: <u>30</u> NE NW	(SE) SW Flat Variabl	e   Steepness, Actual °:	$\underline{NA}  0^{\circ}  (1-5^{\circ}) > 5-25^{\circ} > 25$
Topography: M Geology code: 9	acro: top upper	mid tower bottom sture code: And COLS	Micro: convex f   Upland or Wetla	flat concave undulating and/Riparian (circle one)
% Surface cover:		(Incl. outcrops) (>60cm diam)	(25-60cm) (7.5-25cm	n) (2mm-7.5cm) (Incl sand, mud)
H20: 4 BA Ster	ms:   Litter:	Bedrock: 25 Boulder:	10 Stone: 5 Cobble:	9 Gravel: 6 Fines: 20 =100%
% Current year b	ioturbation <u></u>	Past bioturbation present	? Yes TNO   % He	oof punch
Fire evidence: Y	es) / No (circle one) I	f yes, describe in Site history	section, including date of	fire, if known.
Pecent S Most her	Cour From 1 baceous v	egitation Fren	NN 27-29 & D. ~ channul.	ec 4-5, 2018 removed
channel -	-10-25ft	wide @ ottwo	-6 inches deep	
Disturbance code	/ Intensity (L,M,H):	131 1	1 1	1_ "Other" file diblis firms
I. HABITAT DE	SCRIPTION			
Tree DBH : <u>T1</u> (<	1" dbh), <u>T2</u> (1-6" dbh),	<b>13</b> (6-11" dbh), <b>T4</b> (11-24" d	bh), <u>T5</u> (>24" dbh), <u>T6</u> mu	Iti-layered (T3 or T4 layer under T5, >60% cover)
Herbaceoue. HT	(12" nlant 1 112 ( 12)	"ht)	2070 deale, <u>or</u> docadent (	- 2010 00000
Desert Ringrian T	ree/Shruh: 1 (20	III.)	208 ht) 4 (~208 ht)	
Desert Palm/Tosh	Tree 1 (15" Lan	a diameter) 2 (156" diameter)	3 (>6" diam )	
II INTEDDDET	ATION OF STAND	e diameter), 2 (1.5-6 diam.),	<b>3</b> (>0 diam.)	
II. IVIERFREI	ATION OF STAND			
Field-assessed veg	etation Alliance nam	e: Canyon sun	Hower Scrub	
Field-assessed Ass	ociation name (ontio	nal): California	Par forest	
Adjacent Alliance	s/direction:	st live pak no	rolland Lupsl	ope)
Confidence in Alli	ance identification:	L M (H) Explain:		
Phenology (E.P.L.)	Herb C Shruh	Tree - Other identi	ification or manning info	ormation:
and the second s	and the second sec	and the second s	and the second s	

/. VE	GETATION DESCRIPTION	and the second	AL
<u>eight</u>	<u>r</u> - Conifer tree / Hardwood tree: <u>-</u> <u>Class</u> - Conifer tree / Hardwood tree: <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>	Regene	% NonVasc cover:       10         rating Tree:       3         Shrub:       1         Herbaceous:       1         rating Tree:       4         Shrub:       1         Herbaceous:       1         rating Tree:       4         Shrub:       1         Herbaceous:       1         (10)       50         (20)       50         (20)       50
He	Stratum categories: T=Tree, A = SAplin	5=5-10m, rg, E = SEec	6=10-15m, $7=15-20m$ , $8=20-35m$ , $9=35-30m$ , $10=>30mIling, S = Shrub, H= Herb, N= Non-vascular$
ratum	% Cover Intervals for reference: r = trace, += < Species	1%, 1-5%, % cover (	>5-15%, >15-25%, >25-50%, >50-75%, >75%
G	VENIARSIA CARVECIDIARE	1-5	T umbellularia malifornica 1-6
Ť	Mmbellulapia californica	1-5	T PHIPPHIS APPIFALS +
C	Epindichan	+	C Bacchapic pilulapic +
H	Sananun amalacii	+	S TOUR dudgen diversilding t
++	Stipa milianen	Ŧ	H Colaboling unalelliferum
H	Frenigalyna malage	+	C CENNETMALE PARENA CURPILAS +
G	Salix asimine is	+	S Pilves co +
S	Baccharis Dimarks	+	S Galium Sp. +
++	FRIZERNIM CONFERTIGION	+	H Scrophilapia californica +
C	Toxicodenden diversil eleurn	+	S Armisson alaber +
		1 1000	H Calusteria marensteria SSP Click -
1893	and the second states and the	1000	3 Rubus uksinus +
			S Actennisia douglasiana +
			C Aptemisia californica +
The second		14	S Bacchaeis plummueae +
		1.1.1	H Pteridium aquilinum +
al and			
a la	and have a start and and a start a start and a start a start a		
12.3	and a second second	1	And the second strategy of the Market
and the second	and all all and a start of the part of the start of the		21414080200 V 11-V 21-V
2.65	At an and the set of the stand of the Stand	1 100 1	A state of the second state and the state of the second state of t
1	and the second sec	- T	na 🛪 🌈 - Califa - a califa - State - Magazine - Analifa - Staget - Magazine
			( 3
		n for start	and the second standard and the second
		Geral and	atten arm Dir suitets in ante of
		and the	ala si ana a sa si suara a sa
			with anter 5th attact
			and the bird of an annual state of the second
	and can be called and and and and and and and and and an	in dia 10	a day in the second sec

# **CNDDB FORM**

# **CNDDB Online Field Survey Form Report**



California Natural Diversity Database Department of Fish and Wildlife 1416 9th Street, Suite 1266 Sacramento, CA 95814 Fax: 916.324.0475 <u>cnddb@wildlife.ca.gov</u> A SHOT OF FISH & ALL

Source code_	PEA18F0016
Quad code	3411945
Occ. no	
EO index no	
Map index no.	
-	

This data has been reported to the CNDDB, but may not have been evaluated by the CNDDB staff

www.dfg.ca.gov/biogeodata/cnddb/

Scientific name: Baccharis plummerae ssp. plummerae

Common name: Plummer's baccharis

Date of field work (	(mm-dd-yyyy): 12	-07-2018						
Comment about fie	eld work date(s):							
OBSERVER INFOR	RMATION							
Observer: Jessica F	Peak							
Affiliation: Storrer	Environmental Ser	vices, LLC						
Address: Storrer En	nvironmental Serv	ices, LLC 2565 Puest	a del Sol #3, Santa	Barbara, CA 93105				
Email: jpeak@storr	erenvironmental.c	om						
Phone: (805) 234-2	2337							
Other observers: J	ustine Cooper							
DETERMINATION								
Keyed in: The Jeps	on Manual 2nd Ed	lition						
Compared w/ spec	imen at:							
Compared w/ imag	e in:							
By another person	:							
Other:								
Identification expla	anation:							
Identification confi	idence: Very conf	ident						
Species found: Ye	s If not found, wi	ny not?						
Level of survey eff	ort:							
Total number of in	dividuals: 4							
Collection? No	Collection	n number:						
	Museum/	Herbarium:						
PLANT INFORMAT	ΓΙΟΝ							
Phenology:		10 %	90 %					
	vegetative	flowering	fruiting	-				
SITE INFORMATIC	DN .							
Habitat description oak woodland	<b>1:</b> Canyon sunflow	ver scrub habitat assoc	viated with Californi	a bay forest habitat adjacent to coast live				
Slope: 70 degrees	lope: 70 degrees Land owner/manager: Private							
Aspect:								
Site condition + po	opulation viability	: Good						

Immediate & surrounding land use: recreation (hiking trails)

Visible disturbances: Site burned by Thomas fire (Dec. 2017) then scoured by debris flow on Jan. 9, 2018 Threats:

#### General comments:

#### MAP INFORMATION



The mapped feature is accurate within: 5 m

Source of mapped feature: iPad/ArcCollector/Arrow 100

Mapping notes:

Location/directions comments: 4 Plummer's baccharis in 4x4 area (16 sqft) in San Ysidro Canyon

Attachment(s):