# City of Yreka Application for Routine Maintenance Agreement

# **Prepared For:**

The City of Yreka, California

November 2, 2022

Revised March 2, 2023



# NOTIFICATION OF LAKE OR STREAMBED ALTERATION FISH AND GAME CODE SECTION 1602

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FOR DEPARTMENT USE ONLY						
Date Received Amount Received Amount Due Date Complete Notification No.						
	\$	\$				
Assigned to:						

### NOTIFICATION OF LAKE OR STREAMBED ALTERATION

attachments, and f	eld, unless otherwise indicated, following the <u>instructions</u> and submit ALL required enclosures, ee(s) to the <u>CDFW regional office</u> that serves the area where the project will occur. Attach o notification, if necessary.				
1. APPLICANT PRO	POSING PROJECT				
Name					
Business/Agency					
Mailing Address					
City, State, Zip					
Phone Number					
Email					
2. CONTACT PERS	ON (Complete only if different from applicant.)				
Name					
Business/Agency					
Mailing Address					
City, State, Zip					
Phone Number					
Email					
designate and auth The Designated Re	is legally responsible for complying with Fish and Game Code section 1602 et seq., an applicant may orize an agent (e.g., lawyer, consultant, or other individual) to act as a Designated Representative. epresentative is authorized to sign the notification and any agreement on behalf of the Applicant.				
Do you authorize	the Contact Person above to represent you as your Authorized Designated Representative?				
☐ Yes, I authorize.	. □ No, I do not authorize.				
3. PROPERTY OWNER (Complete only if different from applicant)					
Name					
Mailing Address					
City, State, Zip					
Phone Number					
Email					



# NOTIFICATION OF LAKE OR STREAMBED ALTERATION FISH AND GAME CODE SECTION 1602

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#### 4. PROJECT NAME AND AGREEMENT TERM

☐ Master Timber Operations

A. Project Name								
B. Agreement Term Requested		☐ Regular (5 years or less) ☐ Long-term (greater than 5 years)						
C. P	roject Te	rm	Beginning (yea	ar)		Ending	ng ( <i>year</i> )	
D. \$	Seasonal	Work Period						
Sea	ason(s)*	Start D (month/			End Date ( <i>month/day</i> )		E. Number of Work Days	
	1							
	2							
	3							
	4							
5								
5 1	* Continue on additional page(s) if necessary							
	<ul><li>5. AGREEMENT TYPE</li><li>Check the applicable box. If boxes B – F are checked, complete the <u>specified attachment</u>.</li></ul>							
Α.		Standard (Most construction projects, excluding the categories listed below) – Effective September 1, 2020, notification for Standard Agreements shall be submitted through the EPIMS Permitting Portal.						
В.	☐ Grav	Gravel/Sand/Rock Extraction (Attachment A) Mine I.D. Number:						
C.	☐ Timb	er Harvesting ( <i>Attac</i>	hment B)		THP Numb	oer:		
D.	Water Diversion/Extraction/Impoundment ( <i>Attachment C</i> ) – <b>Attachment no longer available. Notification shall be submitted through the <u>EPIMS Permitting Portal</u>.</b>							
E.	☐ Rout	□ Routine Maintenance ( <i>Attachment D</i> )						
F.	Cannabis Cultivation ( <i>Attachment E</i> ) – <b>Attachment no longer available. Notification shall be submitted through the EPIMS Permitting Portal</b> .					submitted		
G.	□ CDF	W Grant Programs		Ag	greement Number:			
Н.	□ Master							



# NOTIFICATION OF LAKE OR STREAMBED ALTERATION FISH AND GAME CODE SECTION 1602

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#### 6. FEES

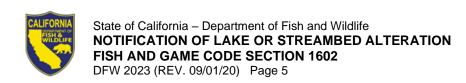
	the <u>current fee schedule</u> to determine the a esponding fee. <b>Note: CDFW may not proc</b>			
	A. Project Name		B. Project Cost	C. Project Fee
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
			D. Base Fee (if applica	ble)
			E. TOTAL FEE*	
* C	heck, money order, and <u>Visa or MasterCard</u>	(select Environm	nental Fees from Menu) pa	ayments are accepted.
7. P	RIOR NOTIFICATION AND ORDERS			
	las a notification previously been submitted by, CDFW for the project described in this no		Streambed Alteration Agre	ement previously been issued
	☐ Yes ( <i>Provide the information below</i> )	□ No		
P	Applicant	Notification Number Date		Date
	s this notification being submitted in respons NOV) issued by CDFW?	se to a court or ac	Iministrative order or notic	e, or a notice of violation
	☐ Yes ☐ No (Enclose a copy of the order rather than in writing, idention agency he or she represen	ify the person wh	o directed the applicant to	submit this notification, the
١	lame of person who directed notification		Agency	
	Describe circumstances relating to order			
			Г	Continued on additional page(s)



## NOTIFICATION OF LAKE OR STREAMBED ALTERATION

#### 8. PROJECT LOCATION

A. Address or description of project location.  (Include a map that marks the location of the project with a reference to the nearest city or town, and provide driving directions from a major road or highway.)								
							$\square$ Continued on a	additional page(s)
B. River, stream, or la	ke affect	ed by the project.						
C. What water body is	the river	, stream, or lake trib	utary to	?				
D. Is the river or stream segment affected by the project listed in the state or federal Wild and Scenic Rivers Acts?  ☐ Yes ☐ No ☐ Unknown						□ Unknown		
E. County								
F. USGS 7.5 Minute C	Quad Mar	Name		G. Townsh	ip	H. Range	I. Section	J. ¼ Section
							☐ Continued on a	additional page(s)
K. Meridian (check on	e)	☐ Humboldt		Mt. Diablo		☐ San Bern	ardino	
L. Assessor's Parcel N	Number(s	5)						
☐ Continued on additional page(s)								
M. Geographic coordinates ( <i>Provide the latitude and longitude coordinates for the property where the project(s) will take place. CDFW utilizes decimal degrees and WGS 84 datum. Access Google Maps Help if you need assistance in finding your coordinates.</i> )								
	Latitude	9: ##.#####			L	ongitude: -###.	######	
	Latitude	9: ##.#####			L	ongitude: -###.	#####	
Latitude/Longitude	Latitude	9: ##.#####			Longitude: -###.#####			
	Latitude	9: ##.######			L	ongitude: -###.	#####	
	Latitude: ##.#####			L	Longitude: -###.#####			



#### 9. PROJECT CATEGORY

WORK TYPE	NEW CONSTRUCTION	REPLACE EXISTING STRUCTURE	REPAIR-MAINTAIN-OPERATE EXISTING STRUCTURE
Bank stabilization – bioengineering/recontouring			
Bank stabilization – rip-rap/retaining wall/gabion			
Boat dock/pier			
Boat ramp			
Bridge			
Channel clearing/vegetation management			
Culvert			
Debris basin			
Dam			
Filling of wetland, river, stream, or lake			
Geotechnical survey			
Habitat enhancement – revegetation/mitigation			
Levee			
Low water crossing			
Road/trail			
Sediment removal: pond, stream, or marina			
flood control			
Storm drain outfall structure			
Temporary stream crossing			
Utility crossing: horizontal directional drilling			
jack/bore			
open trench			
Water diversion without facility			
Water diversion with facility			
Other (specify):			



# NOTIFICATION OF LAKE OR STREAMBED ALTERATION FISH AND GAME CODE SECTION 1602

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#### 10. PROJECT DESCRIPTION

- A. Describe the project in detail. Include photographs of the project location and immediate surrounding area.
  - Written description of all project activities with detailed step-by-step description of project implementation.
  - Include any structures (e.g., rip-rap, culverts) that will be placed or modified in or near the stream, river, or lake, and any channel clearing.
  - Specify volume, and dimensions of all materials and features (e.g., rip rap fields) that will be used or installed.
  - If water will be diverted or drafted, specify the purpose or use and include Attachment C.
  - Enclose diagrams, drawings, design plans, construction specifications, and maps that provide all of the following: site specific construction details; dimensions of each structure and/or extent of each activity in the bed, channel, bank or floodplain; overview of the entire project area (i.e., "bird's-eye view") showing the location of each structure and/or activity, significant area features, stockpile areas, areas of temporary disturbance, and where the equipment/machinery will access the project area.
- A helpful resource to assist in the development of quality PDF maps in Google Earth. See Using Google Earth to Map your Property (PDF). ☐ Continued on additional page(s) B. Specify the equipment and machinery that will be used to complete the project. ☐ Continued on additional page(s) C. Will water be present during the proposed work period (specified in box 4.D) in ☐ Yes  $\square$  No (Skip to box 11) the stream, river, or lake (specified in box 8.B). ☐ Yes (Enclose a plan to divert water around work site) D. Will the project require work in the wetted portion of the channel? □ No



# State of California – Department of Fish and Wildlife NOTIFICATION OF LAKE OR STREAMBED ALTERATION

# NOTIFICATION OF LAKE OR STREAMBED ALTERATION FISH AND GAME CODE SECTION 1602

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#### 11. PROJECT IMPACTS

A. Describe impacts to the bed, channel, and Specify the dimensions of the modification volume of material (cubic yards) that will be	s in length (linear feet) and area (square	re feet or acres) and the type and			
		☐ Continued on additional page(s)			
B. Will the project affect any vegetation?	☐ Yes (Complete the tables below)	□ No (Include aerial photo with date supporting this determination)			
Vegetation Type	Temporary Impact	Permanent Impact			
	Linear feet:	Linear feet:			
	Total area:	Total area:			
	Linear feet:	Linear feet:			
	Total area:	Total area:			
To a Constitution	N. alas (Taras tala Barra)	T			
Tree Species	Number of Trees to be Removed	Trunk Diameter (range)			
		☐ Continued on additional page(s)			
C. Are any special status animal or plant species, or habitat that could support such species, known to be present on or near the project site?					
☐ Yes (List each species and/or describe	the habitat below) ☐ No	□ Unknown			
		☐ Continued on additional page(s)			
D. Identify the source(s) of information that su	upports a "yes" or "no" answer above in	Box 11.C.			
		Continued on additional page(s)			
E. Has a biological study been completed for	the project site?				
☐ Yes (Enclose the biological study)	□ No				
Note: A biological assessment or study may	be required to evaluate potential projec	et impacts on biological resources.			



### NOTIFICATION OF LAKE OR STREAMBED ALTERATION

**FISH AND GAME CODE SECTION 1602** DFW 2023 (REV. 09/01/20) Page 8

F.	Has one or more technical studies (e.g., engineering, hydrologic, geological, or geomorphological) been completed for the project or project site?
	☐ Yes (Enclose the study(ies)) ☐ No
	Note: One or more technical studies may be required to evaluate potential project impacts to a lake or streambed.
G.	Have fish or wildlife resources or waters of the state been mapped or delineated on the project site?
	☐ Yes (Enclose the mapped results) ☐ No
	Note: Check "yes" if fish and wildlife resources or waters of the state on the project site have been mapped or delineated. "Wildlife' means and includes all wild animals, birds, plants, fish, amphibians, reptiles and related ecological communities, including the habitat upon which the wildlife depends." (Fish & G. Code, § 89.5.) If "yes" is checked, submit the mapping or delineation. If the mapping or delineation is in digital format (e.g., GIS shape files or KMZ), you must submit the information in this format for CDFW to deem your notification complete. If "no" is checked, or the resolution of the mapping or delineation is insufficient, CDFW may request mapping or delineation (in digital or non-digital format), or higher resolution mapping or delineation for CDFW to deem the notification complete.
12.	MEASURES TO PROTECT FISH, WILDIFE, AND PLANT RESOURCES
Α.	Describe the techniques that will be used to prevent sediment, hazardous, or other deleterious materials from entering watercourses during and after construction.
	Continued an additional page(a)
	☐ Continued on additional page(s)
В.	Describe project avoidance and/or minimization measures to protect fish, wildlife, and plant resources.
	☐ Continued on additional page(s)
С	Describe any project mitigation and/or compensation measures to protect fish, wildlife, and plant resources.
l	$\square$ Continued on additional page(s)



# NOTIFICATION OF LAKE OR STREAMBED ALTERATION FISH AND GAME CODE SECTION 1602 DFW 2023 (REV. 09/01/20) Page 9

#### 13. PERMITS

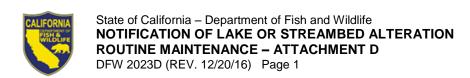
List any local, State, and the each permit that has been		I for the project and c	check the	corresponding b	oox(es). En	close a copy of
A					Applied	□ Issued
В					Applied	☐ Issued
C.					Applied	☐ Issued
	]local, □ State, or □		eded for t			
D. OHKHOWH WHETHER L	Tiocal, 🗆 State, of 🗅	Tederal permit is he	eucu ioi i			additional page(s)
					minuea on a	idditional page(s)
4. ENVIRONMENTAL RE	VIEW					
A. Has a <u>CEQA</u> lead ager	ncy been determined?	☐ Yes (Complete b	ooxes B, C	C, D, E, and F)	□ No (Sk	rip to box 14.G)
B. CEQA Lead Agency						
C. Contact Person		D	D. Phone N	Number		
E. Has a draft or final doc	ument been prepared fo	or the project pursuar	nt to CEQ	A and/or NEPA	?	
☐ Yes (Check the box l	below for each CEQA or N	IEPA document that ha	as been pre	pared and enclos	e a copy of e	each.)
$\square$ No (Check the box b	pelow for each CEQA or N	EPA document listed b	elow that v	vill be or is being p	orepared.)	
☐ Notice of Exemption	☐ Mitigated Ne	egative Declaration		□ NEPA docun	nent ( <i>type</i> ):	
☐ Initial Study	☐ Environment	al Impact Report				
☐ Negative Declaration	n ☐ Notice of De	termination (Enclose	<del>?</del> )			
☐ THP/ NTMP	☐ Mitigation, M	Ionitoring, & Reportin	ng Plan			
F. State Clearinghouse N	umber (if applicable)					
G. If the project described entire project (Cal. Cod	I in this notification is no de Regs., tit. 14 § 15378		or action	pursuant to CEC	QA, briefly o	describe the
				$\Box$ Co	ntinued on a	dditional page(s)



# State of California – Department of Fish and Wildlife NOTIFICATION OF LAKE OR STREAMBED ALTERATION FISH AND GAME CODE SECTION 1602

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Н, Н	las a CEQA filing fee been paid pursuant to Fish and Game Code section 711.4?
	'es (Enclose proof of payment) No (Briefly explain below the reason a CEQA filing fee has not been paid)
Not	e: The <u>CEQA filing fee</u> is in addition to the notification fee. If a CEQA filing fee is required, the Lake or Streambed Alteration Agreement may not be finalized until paid.
эе	y's routine maintenance is categorically exempt - a Draft Notice of Exemption is attached and will filed with the County and copied to the State Clearinghouse. The City will pay the \$50 County cumentary handling fee.
5. 5	SITE INSPECTION
(	Check one box only.
	In the event CDFW determines that a site inspection is necessary, I hereby authorize a CDFW representative to enter the property where the project described in this notification will take place at any reasonable time, and hereby certify that I am authorized to grant CDFW such entry.
	I request CDFW to first contact (insert name)at
	(insert phone number or email address) to schedule a
	date and time to enter the property where the project described in this notification will take place. I understand that this may delay CDFW's determination as to whether a Lake or Streambed Alteration Agreement is required and/or CDFW's issuance of a draft agreement pursuant to this notification.
6.	DIGITAL FORMAT
	s any of the information included as part of the notification available in digital format (i.e., CD, DVD, etc.)?
	Yes (Please enclose the information via digital media with the completed notification form.)
7.	SIGNATURE
;	hereby certify that to the best of my knowledge the information in this notification is true and correct and that I am authorized to sign this notification as, or on behalf of, the applicant. I understand that if any information in this notification is found to be untrue or incorrect, CDFW may suspend processing this notification or suspend or revoke any draft or final Lake or Streambed Alteration Agreement issued pursuant to this notification. I understand also that if any information in this notification is found to be untrue or incorrect and the project described in this notification has already begun, I and/or the applicant may be subject to civil or criminal prosecution. I understand that this notification applies only to the project(s) described herein and that I and/or the applicant may be subject to civil or criminal prosecution for undertaking any project not described herein unless CDFW has been separately notified of that project in accordance with Fish and Game Code section 1602 or 1611.
	Signature of Applicant or Applicant's Authorized Representative  Date
	Matthew K. Bray, Director of Public Works
	Print Name



	ATTACUMENT F
Project Name:	
Applicant Name:	

### TTACHMENT D

#### **Routine Maintenance**

Complete this attachment only when notifying for routine maintenance activities that will be recurring over the term of the

agreement, such as maintaining a number of existing private or public facilities, including but not limited to canals, channels, culverts, and ditches. Submit this form with the completed notification form (DFW 2023). I. REGULARLY RE-OCCURRING MAINTENANCE ACTIVITIES (Check all that apply) ☐ Sediment removal (☐ concrete-lined lake or stream or ☐ earthen lake or stream): ☐ In and around bridges, culverts, storm drain outlets, and/or water diversion structure ☐ Stream channel bed ☐ Stream channel bank(s) ☐ Pond or lake ☐ Marina basin ☐ Detention basin ☐ Boat launch channel Other: Method (heavy equipment, suction dredge, etc.) – specify: \_\_\_\_\_\_ Estimated total cumulative sediment volume removed annually: \_\_\_\_\_\_\_ Estimated total cumulative area impacted by sediment removal annually: Estimated recurrence frequency for sediment removal: \_\_\_\_\_\_ ☐ Vegetation management: ☐ Limbing and/or trimming of branches and tree limbs ☐ Removal under high power lines ☐ Removing fallen trees ☐ Removing dead (not dormant) trees and shrubs ☐ Stump left intact ☐ Stump removal – specify: \_\_\_\_\_



# NOTIFICATION OF LAKE OR STREAMBED ALTERATION ROUTINE MAINTENANCE – ATTACHMENT D

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☐ Removing vegetation (e.g., bulrush and cattails) from stream channel bed with:
☐ Non-motorized hand tools
☐ Mechanical vegetation cutters, shredders, string trimmers (a.k.a. weed-whacker, weed-whip), chainsaws
☐ Mowing
☐ Heavy equipment (soil disturbance)
☐ Herbicide – specify chemicals and attach application plan:
☐ Other:
☐ Removing vegetation from bank with:
☐ Non-motorized hand tools
☐ Mechanical vegetation cutters, shredders, string trimmers (a.k.a. weed-whacker, weed-whip), chainsaws
☐ Mowing
☐ Heavy equipment (soil disturbance)
☐ Herbicide – specify chemicals and attach application plan:
☐ Other:
☐ Removing only non-native vegetation with:
☐ Non-motorized hand tools
☐ Mechanical vegetation cutters, shredders, string trimmers (a.k.a. weed-whacker, weed-whip), chainsaws
☐ Mowing
☐ Heavy equipment (soil disturbance)
☐ Herbicide – specify chemicals and attach application plan:
☐ Other:
☐ Vegetation and brush pile burning – specify burn location:
Other vegetation management:
Estimated total linear feet of vegetation removed annually:
Estimated total cumulative area impacted by vegetation management annually:
Estimated recurrence frequency for vegetation management:
Intentionally Left Blank



# NOTIFICATION OF LAKE OR STREAMBED ALTERATION ROUTINE MAINTENANCE – ATTACHMENT D

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☐ Existing facilities:
☐ Erosion within existing facilities and easements
☐ New erosion repair
☐ Repair at existing erosion control sites
☐ Other:
☐ Road maintenance (e.g. repair or re-grade) of existing rights of way
$\square$ Minor bridge work – $\square$ work from bank or $\square$ work in-channel (describe on a separate page if the work requires dewatering):
☐ Reinforcing pilings
☐ Reinforcing aprons
☐ Painting (access and falsework)
☐ Paint removal – specify method:
☐ Other:
Specify materials and equipment:
☐ Minor culvert repair:
☐ Repairing wingwalls within existing footprint
☐ Repairing scour protection within existing footprint – provide detail:
☐ Other:
☐ Maintenance of stormwater outfalls and drop-inlet culverts
☐ Erosion repair
☐ Flow dissipaters
☐ Servicing of water quality monitoring stations, stream gages, etc.
☐ Boat launch repair
☐ Graffiti removal and abatement from bridges, culverts, and other instream structures
☐ Removal of trash and debris from:
☐ Within channels
☐ Head gates, screens, racks, pilings and piers
☐ Other:



# State of California – Department of Fish and Wildlife NOTIFICATION OF LAKE OR STREAMBED ALTERATION ROUTINE MAINTENANCE – ATTACHMENT D

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Location where trash and debris will be placed or discarded:
☐ Pesticide application:
☐ Rodenticides – specify chemicals and attach application plan:
☐ Insecticides – specify chemicals and attach application plan:
Name of Licensed Agricultural Pest Control Advisor:
Estimated recurrence frequency for pesticide application:
Other type of routine maintenance activity (provide details below):

#### **II. MAP OR MAPBOOK**

Attach a map of sufficient detail to assist in locating maintenance sites, minimally including the following:

- A. The applicant's jurisdictional boundaries within the project area.
- B. All watercourses within the jurisdictional boundaries where maintenance will occur.
- C. A key to identify each watercourse (e.g. earthen or concrete lined) and the maintenance activities (e.g. vegetation removal, sediment removal, etc.) and location (e.g., bridges, water control diversions, and large scale maintenance) of those activities that are likely to occur.

#### III. SPECIAL STATUS SPECIES LOCATIONS

A drawing, diagram, and/or map that shows the applicant's jurisdictional boundaries and the locations within that area where special status species are known to exist.

# City of Yreka Routine Maintenance Agreement Additional Pages

#### **BOX 8. Project Location.**

**Appendix B** provides a mapbook of all locations where routine maintenance activities may occur per this Routine Maintenance Agreement (RMA). An "RMA Area" is shown on the map as a 100-foot buffer from Yreka Creek, Little Humbug Creek, Greenhorn Creek, Juniper Creek, and an unnamed tributary along Oberlin Road. Features which the City is responsible for maintaining are shown within the RMA Area, including bridges, culverts, utility line crossings, stormwater outlets, Greenhorn reservoir and dam, and City owned parcels (some of which contain public trails).

Photograph points are shown on **Appendix B**, and photographs are provided as **Appendix C**.

Assessor parcel numbers for City-owned parcels shown on **Appendix B** are listed below. There are two County owned parcels which are identified in the list below. There is an existing agreement between the County and the City for shared access that is attached to Appendix B as **Appendix B-1.** There are no private properties proposed with this agreement. Coordinates of each potential feature where routine maintenance may occur are provided as **Appendix D.** 

APNs where RMA may occur				
013-180-540	054-081-010	061-301-460		
053-031-020	054-081-190	061-361-240		
053-043-080	054-091-120	062-031-180		
053-054-010	054-092-130	062-041-090		
053-072-440	054-092-150	062-041-140		
053-191-030	054-211-150	062-041-200		
053-301-250	054-214-110	062-051-220		
053-591-250	054-231-180	062-051-230		
053-591-390	054-231-190	062-051-400		
053-591-410	061-301-070	062-061-200		
053-621-340	061-301-080	062-141-130		
061-291-010*	054-221-030*	062-191-100		

<sup>\*</sup>indicate County-owned parcel

#### **BOX 10. Description of Routine Maintenance Activities.**

The City of Yreka's routine maintenance consists of nine different types of activities. These include:

- 1. Removal of vegetation from creek channels
- 2. Removal of sediment, trash, and other debris from creek channels
- 3. Graffiti Removal
- 4. Float-Aside Bridge Removal and Reinstallation

Each activity is described in detail below, including the locations where the activity may occur, equipment to be used, materials (if applicable), steps to complete the activity, and avoidance and minimization measures to protect wildlife and aquatic resources.

Most activities will be conducted on an as-needed basis; therefore, not all locations shown on **Appendix B** will have maintenance activities conducted during the span of the Routine Maintenance Agreement. Since it is difficult to predict all areas where maintenance will be needed all features which the City is responsible for maintaining are shown.

#### **ACTIVITY 1: Removal of Vegetation.**

#### 1. Location of Activity

Removal of vegetation is anticipated to occur within the entire Routine Maintenance Agreement boundary as identified in the map book included as **Appendix B**. The coordinates and area of the RMA boundary area is specified in **Appendix F**. Vegetation removal will occur on an as-need basis and exact locations are not known; however, they will not be beyond the RMA boundary identified in the map book and the locations provided.

Specific activities may include the following:

- Bridge and culvert crossings over Yreka, Greenhorn, Little Humbug, and Juniper Creeks (underneath and within 1 foot on either side of crossing)
- Stormwater outfalls into Yreka Creek and other streams
- City-owned trails adjacent to creeks
- City-owned parcels adjacent to creeks
- Greenhorn Reservoir edges
- Two detention basins (not adjacent to creeks)
- Greenhorn Dam spillway
- Access points to Greenhorn Reservoir

All coordinates for these locations are provided in **Appendix D**.

#### 2. Activity Description

Vegetation will be removed from City-owned parcels and facilities that the City is responsible for maintaining on an as-needed basis to reduce fire risk, prevent damage from hazardous trees, maintain stormwater facilities, prevent flooding, and maintain trails. All work conducted by the City could potentially occur on the entire area of all proposed parcels identified in Section 8 and **Appendix D**. The entire RMA boundary for which this activity may occur is identified in the map book as well as the coordinated included in **Appendix F**.

Examples of vegetation removal may include:

- To maintain public access to Greenhorn Reservoir, small willows and shrubs will be removed at access points on the bank of the reservoir.
- To maintain the Greenhorn Dam spillway area, vegetation will be routinely removed from the spillway downstream along the concrete-lined channel to the pedestrian bridge. Photos of this area are provided in **Appendix C**.

Vegetation will be removed from the bank, and throughout the concrete-lined channel in this location. Some vegetation will also be cleared from the dam's face. As the spillway area has not been maintained for some time, initial vegetation removal may require heavy equipment to operate within the channel; if so, a separate Streambed Alteration Agreement will be sought for initial vegetation removal and not included in this agreement. Use of heavy equipment within the channel is not considered routine maintenance and is not a part of the activity described in this request for a Routine Maintenance Agreement.

#### 3. Equipment

Hand-operated equipment such as trowels, clippers, hedge trimmers, pole saws, weedeaters (with strings or blades), occasionally chainsaw. Heavy equipment including excavators and an aerial lift (bucket) truck for lifting bundled vegetation may be used where necessary.

#### 4. Procedure

#### Within Creek Bed

- Remove vegetation less than two inches in diameter; obstructing vegetation, including invasive, nonnative weeds; small trees such as black locust
- Remove woody and herbaceous vegetation, fallen trees, branches, or other rubbish or debris which significantly reduces channel capacity or would result in accelerated bank erosion or increased flooding of urban areas
- Prune lower branches of large trees as necessary to eliminate those capable of retarding flow or deflecting currents into stream banks

#### On Creek Banks

- Selective thinning and pruning of shrub vegetation, removing weeds and invasive blackberry
- Weed-eating/mowing of tall grass and weeds
- Cutting down or removing hazardous dead or dying trees as necessary for fire prevention or public safety
- Near Greenway trails Maintain pedestrian and vehicle access by keeping vegetation back from paved trail and removed from unpaved trail.

#### Within Detention Basins

Weed-eating/mowing of vegetation annually.

#### Within Greenhouse Reservoir and Spillway

- Remove vegetation up to six inches diameter at breast height (DBH) within channel, along reservoir edges, and along dam face.
- Vegetation will be clipped with hand tools by a worker within the channel, bundled, and lifted out by an aerial lift truck working from the upland area.
- Prune lower branches of trees over 6 inches DBH.
- During SGPGA cleanup events, nonnative vegetation such as mustard (Brassica spp.) and grasses will be clipped and bagged.

#### 5. Avoidance and Minimization Measures specific to activity

Erosion control and spill prevention Avoidance and Minimization Measures (AMMs):

- Use heavy equipment from within uplands, ideally from adjacent roadway or trail.
- Maintain heavy equipment offsite and refuel equipment at least 100 feet from creeks.
- Carry spill kits and stop-leak putty.
- Keep erosion and sediment control materials at work sites (e.g., silt fencing, straw wattles, and rice straw) and install in the event of any unintended ground disturbance.
- Leave stumps intact to minimize ground disturbance and erosion potential.
- Monitor 72-hour forecast from the National Weather Service and cease work if there is more than 30 percent chance of rain.

#### Wildlife and special status species AMMs:

• When feasible, branches and limbs extending over the creeks shall not be pruned to maintain shaded riverine aquatic habitat, as determined by the Designated Biologist. Areas designated as critical habitat for Coho salmon should have minimal disturbance. Patches of emergent vegetation (e.g., cattails, other sedges

- and rushes) will also be maintained to provide bird habitat where feasible.
- Prior to removal of vegetation in areas containing meadows, seeps, or marshes (e.g., areas around Greenhorn Reservoir, dam, and spillway), a botanical survey for pendulous bulrush (Scirpus pendulus) will be conducted during the previous blooming period (June through August) by a Designated biologist. If pendulous bulrush is found during botanical surveys, the plants should be marked by a qualified biologist familiar with the species. If the area can be avoided, exclusionary fencing will be placed around the plants and no pedestrian or vehicular entry should be allowed. Results of the survey will be provided to CDFW.
- Remove riparian and upland vegetation outside of the nesting season (March 1 through August 31) when possible, to prevent impacts to nesting birds.
- SGPGA clean-up events will be timed to remove nonnative vegetation prior to seed set to reduce the chance of unintentional spread of invasive species. Invasive plant materials must be disposed of offsite (e.g., at the Yreka Transfer Recycling Station or Siskiyou County Landfill) or burned to prevent spread.
- Vegetation within creek channels should be removed when creeks are dry or flow is disconnected (typically July through October) to prevent impacts to specialstatus wildlife such as anadromous fish, reptiles, and amphibians.
- If a creek channel is disconnected for removal activities or maintenance when special status species (including salmonids and other aquatic species) are likely to be present, measures shall be taken to minimize harm and mortality to special status species resulting from fish relocation and dewatering activities. The City shall notify CDFW before the project site is disconnected and streamflow diverted. The Designated Biologist will supervise the implementation of a water diversion plan and oversee the safe removal and relocation of salmonids and other fish life from the project area, after consultation with the CDFW for appropriate measures and recommendations.
- When vegetation is removed during the nesting season (March 1 and August 31),
  a survey for nesting birds will be conducted for the work area and a 100-foot
  buffer (as feasible) within 14 days prior to work. If nesting birds are detected
  within the work area, consult with CDFW to determine an appropriate avoidance
  buffer or other AMMs.
- If wildlife species are observed within the work area (e.g., reptiles, amphibians, non-nesting birds), stop work and allow the animal to leave of its own accord. If necessary, wildlife may be relocated by a CDFW-approved designated biologist.
- Only mechanical vegetation removal methods will be used; do not use herbicides.
- Dead or damaged trees will only be removed when they pose a threat to public safety or infrastructure.

#### **ACTIVITY 2:** Sediment/Debris Removal From Channels

#### 1. Location of Activity

Culverts, bridges, and storm drain outlets as identified in Appendix D.

#### 2. Activity Description

Removal of soil, debris (including sediment and rocks), rubbish, and other material from channels whose sides and bottom are lined with concrete or other impervious materials, and from constructed storm water/detention basins, to ensure proper functioning and operation of existing public works facilities. This activity is anticipated to take place on approximately 5,000-10,000 square feet (0.11-0.23 acres) annually and could potentially occur on the entire area of all proposed parcels identified in Section 8 and **Appendix D.** 

#### 3. Equipment

Combination vacuum truck (water jet and vacuum attachments). Hand tools such as shovels or rakes may be used if necessary.

#### 4. Procedure

- Use water jets in upstream direction to dislodge sediment/debris.
- Vacuum up water, sediment, and debris.
- Hand-remove any debris that is too large for the vacuum using hand tools as necessary.

#### 5. Avoidance and Minimization Measures specific to activity

Erosion control and spill prevention AMMs:

- Jet "upstream" away from creek to prevent flow of debris toward creek
- Maintain heavy equipment offsite and refuel equipment at least 100 feet from creeks. Carry spill kits and stop-leak putty.

#### Wildlife and special status species AMMS

- If wildlife species are observed within the work area (e.g., reptiles, amphibians, non-nesting birds), stop work and allow the animal to leave of its own accord. If necessary, wildlife may be relocated by a CDFW-approved designated biologist.
- If nesting birds are detected within the work area, consult with CDFW to determine an appropriate avoidance buffer or other AMMs.

#### **ACTIVITY 3:** Graffiti Removal

#### 1. Location of Activity

Bridges that are maintained by the City as identified in **Appendix B**.

#### 2. Activity Description

Removal of graffiti from underneath City-maintained bridges.

#### 3. Materials

Paint in neutral color, graffiti remover, wipes.

#### 4. Equipment

Paintbrushes, Visqueen protective material, wet/dry vacuum, occasionally high-pressure wand.

#### 5. Procedure

- Place Visqueen protective sheet to catch paint or liquid, and wattles if needed
- Paint over graffiti, usually with neutral (grey) color
- If painting is not possible, and bridge is not over an active/flowing creek channel, blast with high- pressure wand and graffiti remover/wash water. Sandblasting is not anticipated to be used.
- Leave protective materials in place until bridge is dry, then remove and clean away from creek; dispose of wash water and debris at appropriate offsite facility

#### 6. Avoidance and Minimization Measures

#### Spill Prevention AMMs

- Visqueen protective sheeting will be used to catch dripping paint or wash water.
- A wet/dry vacuum will be used to eliminate any liquids present.
- Wattles will be installed to prevent the flow of wash water (if present) to the creek or storm drain.
- Conduct work when creek is dry (typically July through October).

#### Wildlife and special status species AMMs

Conduct a survey for nesting birds and roosting bats for the work area and a 100foot buffer (as feasible) within 14 days prior to work, if work will occur during the
nesting season (March 1 through August 31). If nesting birds are observed, stop
work and wait until chicks have fledged, or consult with CDFW to determine an

- appropriate avoidance buffer or other AMMs. If bats are observed, consult with CDFW to determine appropriate avoidance measures.
- If wildlife species are observed within the work area (e.g., reptiles, amphibians, non-nesting birds), stop work and allow the animal to leave of its own accord. If necessary, wildlife may be relocated by a CDFW-approved designated biologist.

#### **ACTIVITY 4.** Float-Aside Bridge Removal/Reinstallation

#### 1. Location of Activity

Trails along creeks within City-owned parcels. The coordinates of the locations of float-aside bridges are included in the map book for vicinity 19, 20, and 21. The coordinates of these locations are included in **Appendix F.** 

#### 2. Activity Description

Each year, float-aside pedestrian bridges are removed and set aside prior to onset of the wet season (typically in October or November). Once creek flow lessens in the late spring, bridges are reinstalled.

One float aside bridge, indicated as Area 19 on the map set, is located on County property and will be accessed from an adjacent parcel also owned by the County. This float aside is located on County APN 061-291-010 and will be accessed from County APN 054-221-030 as shown in **Appendix F.** There is an existing agreement between the County and the City for shared access that is attached to Appendix B as **Appendix B-1.** 

#### 3. Equipment

Backhoe, chain.

#### 4. Procedure

- Lift bridge with backhoe and chain, one person guiding backhoe to I-hook
- Swing bridge around, connect bridge to anchor point
- Gently lower bridge into place with backhoe
- Reverse process after high-flow weather to place bridge back across creek

#### 5. Avoidance and Minimization Measures specific to activity:

Erosion control and spill prevention AMMs:

- Use heavy equipment from within uplands, e.g., from adjacent trail or roadway.
- Maintain heavy equipment offsite and refuel equipment at least 100 feet from creeks. Carry spill kits and stop-leak putty.
- Conduct work when creek is dry, or flow is low.

#### Wildlife and special status species AMMs:

- If wildlife species are observed within the work area (e.g., reptiles, amphibians, non-nesting birds), stop work and allow the animal to leave of its own accord. If necessary, wildlife may be relocated by a CDFW-approved designated biologist.
- If nesting birds are detected within the work area, consult with CDFW to determine an appropriate avoidance buffer or other AMMs.

#### **BOX 11. Project Impacts.**

#### 1. Project impacts

As outlined above there are four activities taking place in or around four creeks within the City of Yreka city limits. It is estimated that approximately 12,000 linear feet of vegetation and debris will be removed annually. However, the estimated linear feet of all creeks included in this agreement totals approximately 24,976 linear feet and temporary impacts are possible at the entire perimeter or boundary. The removal activities will be conducted on an as-needed basis, but only within the parameters shown in the map book included as **Appendix B.** 

**Appendix F** identifies the linear feet of each creek. The areas of removal, or the RMA boundary, would be the entire perimeter length of the creek and a 50' or 100' buffer from the center of the creek, as identified in the map book included as **Appendix B** and the coordinates included as **Appendix F**. Project activities will result in removal of vegetation and disturbance to streambeds through the removal and redistribution of sediments. The purpose of the RMA is to avoid and/or minimize any potential impacts as a result of the routing maintenance activities, specifically to any special status species in and around all activity locations. All Avoidance and Minimization Measures specific to each activity are outlined under each activity. Additionally, activity specific and general AMMs are outlined in Box 12 below. Box 12 contains AMMs that pertain to a specific activity as well as more general AMMs required to complete the work, such procedural measures that are to occur is species not listed in the notification are found, how to notify CDFW, and how to determine a Designated Biologist to complete the work, for

example. While there are AMMs listed under specific activities, it should be noted that all activities included in this notification are subject to all AMMs included in this notification, as applicable.

The Project activities included in the RMA have the potential to result in adverse effects to fish and wildlife resources, including the following project impacts:

- sedimentation and erosion resulting from excavating material from vegetation removal
- removal of riparian and upland vegetation
- removal of vegetation critical to riverine aquatic habitat and nesting birds
- removal of vegetation that provides nesting, foraging, or cover habitat for birds and other wildlife
- excavation resulting in the disturbance of roosting bats and nesting birds
- fish and wildlife entrapment resulting from excavation and emergency trench digging

#### 2. Impacts to Vegetation

Removal of riparian vegetation will occur along the creeks as necessary for routine maintenance activities. Tree and shrub species typically occurring in these areas include:

- Willows (Salix spp.)
- Blackberry (Rubus spp.)
- Oregon ash (Fraxinus latifolia)
- Black locust (Robinia pseudoacacia)
- Cottonwood (Populus spp.)
- White alder (Alnus rhombifolia)
- Box elder (Acer negundo)
- Black walnut (Juglans hindsii)

Understory consists of native and nonnative graminoids. In addition, other horticultural tree or shrub species may be located in some areas.

#### 3. Impacts to Special-Status Species with Potential to Occur in RMA Area

Special-status species with potential to occur in the RMA Area are listed below, along with listing status under federal and California Endangered Species Acts (ESA and CESA), and California Rare Plant Rank (CRPR) where applicable. A map of all CDFW California

Natural Diversity Database occurrences within 5 miles of the RMA Area is provided as **Appendix E.** 

- Pendulous bulrush (Scirpus pendulus) CRPR 2B.2
- Coho salmon (Oncorhynchus kisutch) Listed as Threatened under ESA and CESA
- Chinook Salmon (Oncorhynchus tshawytscha) CDFW Species of Special Concern
- Steelhead (Oncorhynchus mykiss irideus) CDFW Species of Special Concern
- Foothill yellow-legged frog (Rana boylii) Listed as Endangered under CESA
- Western pond turtle (Emys marmorata) CDFW Species of Special Concern
- Yellow warbler (Setophaga petichia) CDFW Species of Special Concern

In addition, Yreka Creek is designated critical habitat for the Southern Oregon/Northern California Coast Coho Salmon Evolutionarily Significant Unit.

In an effort to reduce any potential impacts from proposed maintenance activities on special-status species, all Avoidance and Minimization Measures (AMMs) outlined in Section 12 below will be observed.

For routine maintenance with potential impacts to special status species could be avoided by placing coarse sediment removed below the Dam. It is also recommended to install instream structures as part of all stream channel restoration to enhance critical fish habitats.

#### 4. Sources of Information

- CDFW CNDDB, queried on 5/19/2021 for a five-mile radius around the City.
- Section 3.3 of 2016 Greenway Master Plan and Flood Hazard Reduction Project Draft Environmental Impact Report.
- Range map for willow flycatcher (Empidonax traillii) in Zeiner, D.C., W.F.
   Laudenslayer, Jr., K.E. Mayer, and M. White, eds. 1988-1990. California's Wildlife.
   Vol. I-III. California Depart. of Fish and Game, Sacramento, California.

#### **BOX 12.** Measures to Protect Fish, Wildlife, and Plant Resources.

The complete list of AMMs related to specific descriptions of routine maintenance activities are described for each specific activity within Box 10.

#### AMMs for biological resources:

• The City of Yreka will submit the name, qualifications, address, and contact information of the Designated Biologist to the CDFW who will analyze the biological impacts of

activities on behalf of the City. The City will ensure that the Designated Biologists are knowledgeable and experienced in the biology and natural history of species within the project location if a special-status species is known or suspected to occur at a given project site, the Designated Biologist shall be responsible for conducting premaintenance surveys and any subsequent surveys subject to this Agreement. The City will not enter into any agreement or contract of any kind, including but not limited to non-disclosure agreements and confidentiality agreements, with the Designated Biologist that prohibit or impede open communication with CDFW, including but not limited to providing CDFW staff with the results of any surveys, reports, or studies or notifying CDFW of any non-compliance or take. If a Designated Biologist must be added or replaced, their qualifications shall also be submitted for CDFW review and written approval. CDFW will provide written approval within ten business days of submittal.

The Designated Biologist will have the authority to immediately stop any activity that is
not in compliance with this Agreement, and/or to order any reasonable measure to
avoid or minimize impacts to fish and wildlife resources. CDFW will be notified in such
instances and the recommencement of work will be determined in consultation with
CDFW.

AMMs for special-status species with potential to occur include:

- Remove riparian and upland vegetation outside of the nesting season (March 1 through August 31) when possible, to prevent impacts to nesting birds.
- When vegetation is removed during the nesting season (March 1 and August 31), a survey for nesting birds, roosting bats (including bat pups), and FYLF eggs/tadpoles will be conducted. If an active nest is located during the surveys, a non-disturbance buffer will be established around the nest by a Designated Biologist in consultation with the CDFW to establish a buffer and will comply with FGC sections 3503 and 3503.5 and the Migratory Bird Treaty Act. If FYLF are identified at or within 250 feet of the work area, the City will modify the activity to ensure it does not directly or indirectly disturb eggs or tadpoles. If roosts are determined to be present and must be removed, the bats will be excluded from the roosting site before the facility is removed.
- When diversion of water is necessary (e.g., for emergency work conducted during the
  wet season), CDFW will be consulted to ensure the water diversion plan includes AMMs
  to protect anadromous fish. AMMs may include fish relocation by a Designated
  Biologist. The City of Yreka will submit the name, qualifications, address, and contact
  information of the Designated Biologist to the CDFW.
- City will only excavate or grade sediments when no water or saturated soil is present in the project area to avoid disturbing aquatic species. If aquatic species are discovered during sediment and debris removal, graffiti removal, or removal and reinstallation of float-aside bridge activities, the City will consult with Designated Biologist and CDFW to

- determine the inclusion of any additional measures. CDFW measures and recommendations will be followed after consultation.
- If aquatic species are found within the project site during that could be impacted by the
  activities, activities shall be suspended and any special status species shall be allowed to
  leave the area on its own volition. CDFW shall be notified of the encounter, and
  conservation measures shall be developed in agreement with CFDW prior to re-initiating
  the activities.

AMMs for sensitive natural communities and wildlife habitats and vegetation management include:

- When feasible, branches and limbs extending over the creeks shall not be pruned to maintain shaded riverine aquatic habitat. Patches of emergent vegetation (e.g., cattails, other sedges, and rushes) will also be maintained to provide bird habitat where feasible.
- Whenever possible, City will remove vegetation using hand operated tools or mowing rather than chemical means.
- The City will not exceed the minimum disturbance of vegetation necessary to complete the project. All vegetation removal methods will be specified in this agreement.

AMMs for non-native invasive species both aquatic and terrestrial include:

- If wildlife species are observed within the work area (e.g., reptiles, amphibians, non-nesting birds), stop work and allow the animal to leave of its own accord. If necessary, wildlife may be relocated by a CDFW-approved designated biologist after consulting with CDFW and resuming working.
- If nonnative, invasive, or species not otherwise included in this Agreement are found and provide a positive habitat value, the City will consult with CDFW regarding the inclusion of any additional measures. CDFW measures and recommendations will be followed after consultation.

#### AMMs for bats during hibernation include:

• If work will affect the underside of the bridge deck, or other areas where birds (e.g., swallows) may nest or bats may roost, a survey for nesting birds and roosting bats will be conducted for the work area and a 100-foot buffer (as feasible) within 14 days prior to work if work occurs during the nesting season (March 1 through August 31). If nesting birds are observed, stop work, and wait until chicks have fledged, or consult with CDFW to determine an appropriate avoidance buffer or other AMMs. If bats are observed, consult with CDFW to determine appropriate avoidance measures.

#### AMMs to prevent entrapment of wildlife in an open trench include:

 All trenching work will be completed in a day whenever possible to prevent wildlife entrapment. If trenching work is not completed within a day, trenches should be

- covered securely prior to stopping work each day, or a ramp will be provided in the trench to prevent wildlife entrapment.
- When diversion of water is necessary (e.g., for emergency work conducted during the wet season), CDFW will be consulted to ensure the water diversion plan includes AMMs to protect anadromous fish. AMMs may include fish relocation by a CDFW-approved biologist.
- If work occurs during the nesting season (March 1 through August 31) a survey will be
  conducted. If an active nest is located during the surveys, a non-disturbance buffer will
  be established around the nest by a Designated Biologist in consultation with the CDFW
  to establish a buffer and will comply with FGC sections 3503 and 3503.5 and the
  Migratory Bird Treaty Act. The City of Yreka will submit the name, qualifications,
  address, and contact information of the Designated Biologist to the CDFW
- If wildlife species are observed within the work area (e.g., reptiles, amphibians, nonnesting birds), stop work and allow the animal to leave of its own accord. If necessary,
  wildlife may be relocated by a CDFW-approved designated biologist after consulting
  with CDFW and resuming working. CDFW measures and recommendations will be
  followed after consultation.

#### AMMs that address a heavy equipment leak include:

- Use heavy equipment from within uplands, ideally from adjacent roadway or trail.
- Maintain heavy equipment offsite and refuel equipment at least 100 feet from creeks.
- Carry spill kits and stop-leak putty.
- If a spill occurs, the City shall contact CDFW immediately after the event.

AMMs that prevent erosion and sediment runoff from an active maintenance site during a precipitation event include:

- Keep erosion and sediment control materials at work sites (e.g., silt fencing, straw wattles, and rice straw) and install in the event of any unintended ground disturbance.
- Monitor 72-hour forecast from the National Weather Service and cease work if there is more than 30 percent chance of rain.

The AMMs listed above will be applied as applicable to each specific activity outlined within Box 10.

The AMMs included within Box 10 and reiterated above within Box 12 describe how the maintenance activities, with AMMs, will avoid potential impacts on designated critical habitat for coho salmon by avoiding pruning branches and limbs extending over the creeks to maintain shaded riverine aquatic habitat. The City of Yreka will consult with CDFW regarding any impacts to coho salmon, and any other anadromous fish species and native amphibians, and implement all conservation measures and permit requirements of the CDFW. These measures will include

timing construction and construction related activities in such that it would minimize impacts to spawning and rearing fish. Additionally, if and when biological studies/surveys become required and necessary to proceed, the City will consult with CDFW for an approved biologist to perform the work.

No compensatory measures to protect fish, wildlife, and plant resources are proposed at this time. The activities described above are not anticipated to result in a net loss of habitat since the activities described above are related to routine maintenance of existing facilities. However, the City will consult with CDFW prior to the removal of any trees with a DBH of 6 inches or greater and will determine appropriate mitigation, if required, at that time.

On an annual basis, the City will prepare a report summarizing the maintenance activities conducted in the year prior. Reports will be submitted by December 31 of each year. Reports will include:

- A list of each maintenance action completed for the previous year (corresponding to Activities 1 through 8).
- A map showing the locations where these activities were conducted. This may consist of a marked-up copy of the mapbook provided as **Appendix B.**
- A record of any consultations with CDFW.

#### **List of Appendices**

Appendix A – Notice of Exemption

Appendix B – Mapbook of Routine Maintenance Activities and Photograph Points

Appendix C – Photograph Point Photos

Appendix D – Coordinates of Potential Routine Maintenance Areas

Appendix E – Map of California Natural Diversity Database Occurrence

Appendix F - Creek Areas where RMA Activities may occur

Appendix G - Float Aside Bridge Locations

Appendix H – Outfall Locations

Appendix I - Response to CDFW Comments