

## **Attachment B**

**Pacific Gas and Electric Company**

**Gas Pipeline 303 In-Line Inspection and Repair Project**

**Project Information Sheet and Supplement**



Project Identifiers	
WDID No:	
Reg. Meas. ID:	
Place ID:	
Party ID:	
USACOE No:	
Other File No:	

PROJECT INFORMATION	
<b>Details</b>	
Application Received Date:	
Application Completed Date:	
Additional Info Completed Date:	
Applicant:	
Applicant Representative(s):	
Project Title:	
Regulating Water Board:	
Type of Project:	
Project Description:	
<b>Location</b>	
City:	
County:	
Cross Streets:	
Section, Township, Range:	
Zip code:	
Directions:	
Latitude(s) and Longitude(s):	
<b>Public Notice</b>	
<p><b>Water Board Public Notice:</b> Information regarding this project was noticed on the _____ Water Board's website from _____ to _____.</p> <p>_____ No Comments were received. _____ Comments were responded to in writing.</p>	
<b>Fees</b>	
<p><b>Application Fee Provided:</b> A certification fee of _____ was submitted on _____ as required by 23 CCR §3833b(2)(A) and by 23 CCR § 2200(e). An additional fee of _____ (IF APPLICABLE) to offset additional design impacts was received on _____ as required by 23 CCR §3833b(2)(A) and by 23 CCR § 2200(e).</p>	



Hydrologic Information	
Receiving Water(s):	
Hydrologic Unit(s):	
Water Body Type(s):	

Designated Beneficial Use(s)													
	AGR		COMM		FRSH		MIGR		RARE		SPWN		
	AQUA		CUL		GWR		MUN		REC-1		WARM		
	ASBS		EST		IND		NAV		REC-2		WET		
	BIOL		FISH		LWRM		POW		SAL		WILD		
	COLD		FLD		MAR		PRO		SHELL		WQE		

Candidate, Sensitive, or Special Status Species

Other Permits/Licenses/Agreements/Plans
<b>Federal (Type and Permit/License Number):</b>
<b>State (Type and Permit/License/Agreement Number):</b>
<b>Other County, City, etc. (Type and Permit/License Number):</b>
<b>Any Required Documents or Plan Submittals (SWPPP, Mitigation &amp; Monitoring, etc.)</b>

NEPA and/or CEQA Compliance	
Document type:	
Lead Agency:	
Date completed:	
State Clearinghouse Number:	



IMPACTS						
Describe Potential Water Quality Impacts:						

Final Project Impacts (Fill)*						
Waterbody Type	Permanent			Temporary		
	Acres**	Linear Feet	Cubic Yards	Acres**	Linear Feet	Cubic Yards
Lake						
Ocean						
Riparian						
Streambed						
Vernal Pool						
Wetland						

\* Include all three measurements (acres, linear feet and cubic yards) for all federal and non-federal waterbody types.  
 \*\* Provide acres to three decimal places (e.g., 0.006).

Final Project Impacts (Dredge*/Excavation)**						
Waterbody Type	Permanent			Temporary		
	Acres***	Linear Feet	Cubic Yards	Acres***	Linear Feet	Cubic Yards
Lake						
Ocean						
Riparian						
Streambed						
Vernal Pool						
Wetland						

\* For projects that will occur annually please provide the total volume to be dredged for the entire certification period (typically 5 years).  
 \*\* Include all three measurements (acres, linear feet and cubic yards) for all federal and non-federal waterbody types.  
 \*\*\* Provide acres to three decimal places (e.g., 0.006).

Impact Comparison*								
	Fill				Dredge			
	Permanent		Temporary		Permanent		Temporary	
	Initial	Final	Initial	Final	Initial	Final	Initial	Final
Impacts (Acres)**								

\* Include impacts to both federal and non-federal waters.  
 \*\* Provide acres to three decimal places (e.g., 0.006).



**MITIGATION**

**Describe Avoidance and Minimization for Impacts to Waters:**

**Describe Compensatory Mitigation for Impacts to Waters (temporary and permanent):**

**Compensatory Mitigation (Proponent Provided)**

Waterbody Type	Acres Established		Acres Restored		Acres Enhanced		Acres Preserved	
	Temp.*	Perm.	Temp.*	Perm.	Temp.*	Perm.	Temp.*	Perm.
Lake								
Ocean								
Riparian								
Streambed								
Vernal Pool								
Wetland								

\* Report as mitigation for temporary impacts at a 1:1 ratio any required conditions to restore the site (e.g., re-vegetating or re-contouring).

**Compensatory Mitigation (Mitigation Bank)**

Waterbody Type	Acres Established	Acres Restored	Acres Enhanced	Acres Preserved
Lake				
Ocean				
Riparian				
Streambed				
Vernal Pool				
Wetland				

**Compensatory Mitigation (In-Lieu)**

Waterbody Type	Acres Established	Acres Restored	Acres Enhanced	Acres Preserved
Lake				
Ocean				
Riparian				
Streambed				
Vernal Pool				
Wetland				



<b>Proponent Provided Mitigation Information (If Applicable)*</b>		
	<b>Site 1</b>	<b>Site 2</b>
Mitigation Site Location(s):		
Mitigation Site Lat/Long(s)		
Name of Watershed & Hydrologic Unit:		
Mitigation Site City and County:		

\*If more than two sites, please provide additional information in the additional information table located at the end of this form.

<b>Mitigation Bank Information (If Applicable)*</b>		
	<b>Bank 1</b>	<b>Bank 2</b>
Mitigation Bank Name:		
Name of Mitigation Bank Operator:		
Address of Mitigation Bank Office:		
Mitigation Bank Location(s):		
Mitigation Bank Lat/Long(s)		
Name of Watershed & Hydrologic Unit:		
Mitigation Bank City and County:		
Mitigation purchase amount (\$):		

\*If more than two sites, please provide additional information in the additional information table located at the end of this form.

<b>In-Lieu Mitigation Information (If Applicable)*</b>		
	<b>Program 1</b>	<b>Program 2</b>
Name of approved in-lieu fee mitigation sponsor:		
Address of In-lieu mitigation sponsor:		
Description of in-lieu mitigation arrangements:		
In-lieu mitigation location:		
In-lieu mitigation Lat/Long(s):		
In-lieu mitigation City and County:		
Name of Watershed & Hydrologic Unit		

\*If more than two sites, please provide additional information in the additional information table located at the end of this form.

<b>Additional Mitigation Information (Proponent, Bank, or In-Lieu)</b>		
	<b>Site 1</b>	<b>Site 2</b>
Mitigation Site Name:		
Name of Mitigation Site Operator:		
Address of Mitigation Site Office:		
Mitigation Site Location(s):		
Mitigation Site Lat/Long(s)		
Name of Watershed & Hydrologic Unit:		
Mitigation Site City and County:		
Mitigation purchase amount (\$):		

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PROJECT INFORMATION SHEET - SUPPLEMENTAL INFORMATION**

**Project Location**

Sites 1 and 2 are located north and south of Camino Diablo Road, respectively, in Contra Costa County. Site 3 is located in Alameda County approximately two miles north of Interstate 580 and 0.45 miles west of Vasco Road near Livermore, California. Sites 1 and 2 are separated from Site 3 by a distance of approximately 9.8 miles. Sites 1 and 2 are accessed by Camino Diablo Road and Site 3 is accessed via a gated unpaved road located at the intersection of Ames Road and Raymond Road, which is located underneath the Contra Costa-Los Positas 230kV overhead electrical transmission line.

**Public Notice**

Project was noticed via State Clearinghouse, local newspapers of record, and with Alameda and Contra Costa county clerks' offices. No comments or questions were received regarding the Project. Water Boards staff also consulted with Region 2 and 5 staff.

**Impacts**

Wetland features have been identified at Site 1. A seasonal wetland is located in the work area of site 1, which shall be subject to 0.057 acres (50' x 50' or 2500 ft.<sup>2</sup>) of temporary disturbance entailing 92 cubic yards of dredging and 92 cubic yards of fill (i.e., soil excavated will be returned to the excavated site.) Excavation over the pipe from a hole that would be 10' wide x 25' long x 10' deep. A vernal pool, which shall be avoided, is located immediately to the east of this work site.

The temporary access route to Site 3 crosses an alkali swale, which shall be subject to 0.045 ac of temporary disturbance which may entail up to 40 cubic yards of temporary fill which would be removed at the end of the project. No dredging will occur. These figures based on 20' x 20' swale crossing footprint and temporary disturbance of no more than 99' x 20' due to the access road crossing a wetland. If plates are used to bridge the swale, no fill will occur. If a gravel mat or other structure used, temp fill could occur.

Sites 2 and 3 pipe excavations will occur in uplands with no surface waters.

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**Hydrologic Information  
Central Valley Region –**

Source: [http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/sacsjr.pdf](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr.pdf)

Hydrologic Unit Code	M U N	Agriculture		Industry			Recreation			Freshwater Habitat(2)		Migration		Spawning		W I L D	N A V
		A G R		P R O C	I N D	P O W	R E C 1	R E C 2	W A R M	C O L D	M I G R	S P W N					
		Municipal & domestic supply	Irrigation	Stock Watering	Process	Service Supply	Power	Contact	Canoeing & Rafting (1)	Other Non- contact	Warm	Cold	Warm(3)	Cold(4)	Warm(3)		
<b>544.0(8)(9)</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>		<b>E</b>		<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>		<b>E</b>	<b>E</b>

**Hydrologic Unit 540.0: Sacramento San Joaquin Delta**

**E = Existing Beneficial Uses**

NOTE: Surface waters with the beneficial uses of Groundwater Recharge (GWR), Freshwater Replenishment (FRSH), and Preservation of Rare and Endangered Species (RARE) have not been identified in this plan. Surface waters of the Sacramento and San Joaquin River Basins falling within these beneficial use categories will be identified in the future as part of the continuous planning process to be conducted by the State Water Resources Control Board.

**Footnotes (Numbered as in Basin Plan)**

(1) Shown for streams and rivers only with the implication that certain flows are required for this beneficial use.

(2) Resident does not include anadromous. Any Segments with both COLD and WARM beneficial use designations will be considered COLD.

(3) Striped bass, sturgeon, and shad.

(4) Salmon and steelhead

**(8) Beneficial uses vary throughout the Delta and will be evaluated on a case-by-case basis.**

(9) Per State Board Resolution No. 90-28, Marsh Creek and Marsh Creek Reservoir in Contra Costa County are assigned the following beneficial uses: REC1 and REC2



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**Hydrologic Information  
San Francisco Bay Region**

Source: [http://www.waterboards.ca.gov/sanfranciscobay/water\\_issues/programs/basin\\_plan/docs/bp\\_ch2+tables.pdf](http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/basin_plan/docs/bp_ch2+tables.pdf)

Hydrologic Unit Code	AGR	MUN	FRSH	GWR	IND	PROC	COMM	SHEL	COLD	EST	MAR	MIGR	RARE	SPWN	WARM	WILD	REC-1	REC-2	NAV
404.30	E			E					E			E		E	E	E	E	E	
Key: E: Existing beneficial use                      L: Limited beneficial use                      P: Potential beneficial use																			

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***Beneficial Use***

*For complete text and discussion of these beneficial uses, see Regional Basin Plans. Uses listed here are not necessarily affected by the Sunrise Powerlink Project.*

***Municipal and Domestic Supply (MUN)*** – Includes uses of water for community, military, or individual water supply systems including, but not limited to, drinking water supply.

***Agricultural Supply (AGR)*** - Includes uses of water for farming, horticulture, or ranching including, but not limited to, irrigation, stock watering, or support of vegetation for range grazing.

***Industrial Process Supply (PROC)*** - Includes uses of water for industrial activities that depend primarily on water quality.

***Aquaculture (AQUA)*** - Includes the uses of water for aquaculture or mariculture operations including, but not limited to, propagation, cultivation, maintenance, or harvesting of aquatic plants and animals for human consumption or bait purposes.

***Warm Freshwater Habitat (WARM)*** – Includes uses of water that support warm water ecosystems including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish or wildlife, including invertebrates.

***Cold Freshwater Habitat (COLD)*** - Includes uses of water that support cold water ecosystems including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish or wildlife, including invertebrates.

***Inland Saline Water Habitat (SAL)*** - Includes uses of water that support inland saline water ecosystems including, but not limited to, preservation or enhancement of aquatic saline habitats, vegetation, fish, or wildlife, including invertebrates.

***Estuarine Habitat (EST)*** - Includes uses of water that support estuarine ecosystems including, but not limited to, preservation or enhancement of estuarine habitats, vegetation, fish, shellfish, or wildlife (e.g., estuarine mammals, waterfowl, shorebirds).

***Marine Habitat (MAR)*** - Includes uses of water that support marine ecosystems including, but not limited to, preservation or enhancement of marine habitats, vegetation such as kelp, fish, shellfish, or wildlife (e.g., marine mammals, shorebirds).

***Wildlife Habitat (WILD)*** - Includes uses of water that support terrestrial ecosystems including, but not limited to, preservation and enhancement of terrestrial habitats, vegetation, wildlife (e.g., mammals, birds, reptiles, amphibians, invertebrates), or wildlife water and food sources.

***Rare, Threatened, or Endangered Species (RARE)*** - Includes uses of water that support habitats necessary, at least in part, for the survival and successful maintenance of plant or animal species established under state or federal law as rare, threatened or endangered.

***Migration of Aquatic Organisms (MIGR)*** - Includes uses of water that support habitats necessary for migration, acclimatization between fresh and salt water, or other temporary activities by aquatic organisms, such as anadromous fish.

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***Spawning, Reproduction, and/or Early Development (SPWN)*** - Includes uses of water that support high quality aquatic habitats suitable for reproduction and early development of fish. This use is applicable only for the protection of anadromous fish.

***Shellfish Harvesting (SHELL)*** - Includes uses of water that support habitats suitable for the collection of filter-feeding shellfish (e.g., clams, oysters and mussels) for human consumption, commercial, or sport purposes. CATEGORY DEFINITION

***Hydropower Generation (POW)*** -- Uses of water for hydropower generation.

***Freshwater Replenishment (FRSH)*** - Uses of water for natural or artificial maintenance of surface water quantity or quality.

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**Candidate, Sensitive, or Special Status Species**

Existing fish or wildlife resources the project could substantially adversely affect, include those shown on the following table:

**Table 1**

**Federal and California State listed species with potential to occur within the Line 303 In-Line Inspection Project Area**

**Plants**

Palmate-bracted bird's beak *Cordylanius palmatus*

Contra Costa goldfields *Lasthenia conjugens*

**Invertebrates**

Vernal pool fairy shrimp *Branchinecta lynchi*

Long horn fairy shrimp *Branchinecta longiantenna*

Conservancy fairy shrimp *Branchinecta conservation*

Vernal pool tadpole shrimp *Lepidurus packardi*

Valley elderberry longhorn beetle *Desmocerus californicus dimorphus*

**Amphibians**

California red-legged frog *Rana draytonii*

California tiger salamander *Ambystoma californiense*

**Reptiles**

Alameda whipsnake *Masticophis lateralis euryxanthus*

Giant garter snake *Thamnophis gigas*

**Birds**

California least tern *Sterna antillarum browni*

**Mammals**

San Joaquin kit fox *Vulpes macrotis mutica*

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**Compensatory Mitigation Information**

Primary effects to beneficial uses of Waters of the State by the Project will be in the form of impacts to habitats for sensitive species (RARE). Therefore, mitigation required by U.S. Fish and Wildlife Service (USFWS) and California Department of Fish and Game (CDFG) for those impacts shall be accepted as mitigation for effects to Waters of the State. Note that the impact areas counted by the wildlife agencies exceed the impacts to waters, since the agencies count disturbance to all habitats, not just to wetlands or other waters.

As required in the USFWS Biological Opinion, prior to construction, PG&E will compensate for effects to the California red-legged frog (CRLF), California tiger salamander (CTS), San Joaquin Kit Fox (SJKF), and vernal pool crustaceans through purchase of credits from a USFWS- and CDFG- approved conservation bank. Mitigation Banks to be used are not yet identified as of Nov. 2, 2010.

1. PG&E shall purchase credits equivalent to 1.5 acres from a USFWS- and CDFG-approved conservation bank for California tiger salamander.
2. PG&E shall purchase credits equivalent to 1.5 acres from a USFWS-approved conservation bank for California red-legged frog.
3. PG&E will purchase 0.5 acres of San Joaquin kit fox habitat credits from a USFWS and CDFG approved conservation bank(s).
4. PG&E shall purchase credits equivalent to 0.09 acres for vernal pool crustaceans at a Service-approved conservation bank to compensate for effects to 0.03 ac.

Note that each of the 1.5 acre compensation commitments, and the 0.5 ac commitment, listed above are separate parcels of land, but that the impacts all occur on the same 0.5 ac of impacts. These credits, a total of 3.59 ac., may be purchased at one or more banks. PG&E shall provide the State Water Board, USFWS and CDFG with a copy of the credit purchase agreement for the required credits or CDFG-approved documentation that shows sufficient funding has been secured for the actual costs of the credits.

The compensation for effects to wildlife are shown on the Project Information Sheet is classified as Riparian.

CDFG has issued a Consistency Determination accepting USFWS's impact and mitigation determinations for those species under CDFG's jurisdiction (CTS and SJKF).