



# Form PSD-2113 Implementation Plan

Title 19 California Code of Regulations (CCR) Section 2113 applies to pipelines that do not currently have best available technology installed. An operator shall analyze the risk from its pipelines, identify best available technology in their risk analysis, develop an implementation plan, and submit these documents to the OSFM for review.

Using the form PSD-2113 is optional, an operator may submit the required information in another format.

Name of Pipeline Operator:				
OSFM Pipeline ID number:				
Product(s) normally transported:				
Diameter of Subject Pipeline:				
MOP of subject pipeline:				
Average Daily Shipping Volume:				
Contact person:				
Mailing address:				
City:		State:		Zip:
Email:		Phone:		
Do you wish to request confidential treatment of your risk analysis and plan(s)?    Yes    No <sup>1</sup>				

Agent/contractor (if applicable)

Name of Contractor:		Contact person:	
Email:		Phone:	

Note: All supporting documentation and risk analysis information shall be made available to the OSFM upon request.

Proposed Best Available Technology (BAT)

According to 19 CCR Section 2100(a)(2), Best Available Technology (BAT) means technology that provides the greatest degree of protection by limiting the quantity of release in the event of a spill, taking into consideration whether the processes are currently in use and could be purchased anywhere in the world.

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<sup>1</sup> Operator shall review the additional submission requirements under Section 2119(b).

What is the proposed BAT? Justify why the proposed BAT is chosen. Provide a list of BAT(s) including the location(s) of the BAT(s) installed on the subject pipeline. Briefly describe how each BAT limits the quantity of release in the event of a spill.

The OSFM will review and assess the adequacy of the proposed BAT for reducing the amount of oil released in an oil spill to protect state waters and wildlife. Within 60 days of OSFM acceptance, a detailed supplemental implementation plan and Form PSD-103 should be submitted to [PipelineNotification@fire.ca.gov](mailto:PipelineNotification@fire.ca.gov).

*Timetable for Implementation*

Describe the timetable for implementation and completion of the identified BAT plan. This plan shall include key milestones and, at a minimum, consider the following: purchase of equipment, acquisition of permits, and securing qualified individuals for construction.

Deviation from this timetable must be communicated to OSFM in writing and should demonstrate good cause for delay

Vicinity Map

Provide a map or multiple maps (for multiple Environmentally and Ecologically Sensitive Areas [EESAs]) of the subject pipeline near EESA(s). Provide a brief description (e.g. distance from the coastal zone) and highlight the following feature(s) on the map (if applicable):

- Any physical geographic features such as soil and terrain, or drainage systems such as small streams and other smaller waterways, that could serve as a conduit to an EESA.
- Potential natural forces inherent in the area.
- Any natural and manmade barriers.
- Potential physical pathways between the pipeline and EESA(s).
- Any physical feature or peculiarity of local geography that call for special precautionary measures because they may affect an EESA.



Summary of Risk Analysis

19 CCR Section 2109 states that BAT includes, but is not limited to, the installation of leak detection technology (LDT), automatic shutoff systems (ASOS), remote controlled sectionalized block valves (MOV), Emergency Flow Restriction Devices (EFRDs), or any combination of these technologies.

Provide the results of risk analysis for each type of BAT. If you identify another technology as the BAT, please identify and describe the other technology, explain how this technology limits the quantity of release in the event of a spill, and provide the reasonable worst-case discharge volume for other technology used.

	Existing	LDT	ASOS	MOV	EFRD	Other
Maximum leak detection time, hours						
Maximum shut-down response time, hours						
Maximum flow rate, barrels/hour						
Drain down volume, barrels						
Reasonable worst-case discharge volume, barrels						

I certify, to the best of my knowledge and belief, under penalty of perjury under the laws of the State of California, that the information contained in this risk analysis is true and correct and that the plan is both effective and feasible.

Signature	Printed Name, Title	Date

For Office Use Only

Received On	Received by	Reviewed by	Status (Circle One)
			Approved      Denied