




BEST AVAILABLE CONTROL TECHNOLOGY DETERMINATION

DETERMINATION NO.: 102
DATE: March 16, 2015
ENGINEER: Felix Trujillo, Jr.

Category/General Equip Description: Flare
Equipment Specific Description: Flare – Landfill Gas
Equipment Size/Rating: Minor Source BACT/18 MMBtu/hr
Previous BACT Det. No.: N/A

This BACT was determined under the project for A/C 24341 (City of Sacramento Solid Waste Public Works).

APPROVED BY:  DATE: 3-17-15

SMAQMD BACT CLEARINGHOUSE

CATEGORY:

FLARE

BACT Size: Minor Source BACT

FLARE

BACT Determination Number: 102	BACT Determination Date: 3/16/2015
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Equipment Information

Permit Number: 24341
Equipment Description: FLARE
Unit Size/Rating/Capacity: 18 MMBtu/hr
Equipment Location: CITY OF SACRAMENTO SOLID WASTE PUBLIC WORKS
 20 28TH ST
 SACRAMENTO, CA

BACT Determination Information

ROCs	Standard:	98% control efficiency or 20 ppmv @ 3%O2 as Hexane
	Technology Description:	
	Basis:	Achieved in Pactice
NOx	Standard:	0.05 lb/MMBtu
	Technology Description:	
	Basis:	Achieved in Pactice
SOx	Standard:	0.04 lb/MMBtu
	Technology Description:	
	Basis:	Achieved in Pactice
PM10	Standard:	6.1 lb/MMcf
	Technology Description:	
	Basis:	Achieved in Pactice
PM2.5	Standard:	6.1 lb/MMcf
	Technology Description:	
	Basis:	Achieved in Pactice
CO	Standard:	0.15 lb/MMBtu
	Technology Description:	
	Basis:	Achieved in Pactice
LEAD	Standard:	
	Technology Description:	
	Basis:	

Comments: Landfill gas flare.

District Contact: Felix Trujillo Phone No.: (916) 874 - 7357 email: ftrujillo@airquality.org