



Part B, Section 1, SCAQMD BACT Determination

Source Type: **Major/LAER**
 Application No.: **491442**
 Equipment Category: **Flare**
 Equipment Subcategory: **Landfill Gas, Active Solid Waste
Landfill, Non-Hazardous Waste**
 Date: **March 17, 2017**

1. EQUIPMENT INFORMATION

A. MANUFACTURER: John Zink		B. MODEL: Zink Ultra Low Emission (ZULE)	
C. DESCRIPTION: 120 MMBtu/hr maximum input to enclosed flares, landfill gas fired with propane pilot			
D. FUNCTION: Flare incinerates landfill gas vented from landfill gas collection system. Flare is part of a two flare system. Propane gas pilot.			
E. SIZE/DIMENSIONS/CAPACITY: 12'D. x 50' H., 120 MMBtu/hr, 4000 SCFM landfill gas permitted limit			
COMBUSTION SOURCES			
F. MAXIMUM HEAT INPUT: 120 MMBtu/hr			
G. BURNER INFORMATION			
TYPE		INDIVIDUAL HEAT INPUT	
ZULE		120 MMBtu/hr	
NUMBER		1	
H. PRIMARY FUEL: LANDFILL GAS		I. OTHER FUEL: PROPANE GAS (PILOT)	
J. OPERATING SCHEDULE: 24 HRS/DAY 7 DAYS/WEEK 52 WKS/YR			
K. EQUIPMENT COST:			
L. EQUIPMENT INFORMATION COMMENTS:			

2. COMPANY INFORMATION

A. COMPANY: Chiquita Canyon, LLC		B. FAC ID: 119219	
C. ADDRESS: 29201 Henry Mayo Drive CITY: Valencia STATE: CA ZIP: 91355		D. NAICS CODE: 582212	
E. CONTACT PERSON: Mike Dean		F. TITLE: General Manager	
G. PHONE NO.: 661-257-3655		H. EMAIL: deanmj@reprsv.com	

3. PERMIT INFORMATION

A. AGENCY: SCAQMD	B. APPLICATION TYPE: NEW CONSTRUCTION
C. SCAQMD ENGINEER: Gaurang Rawal	
D. PERMIT INFORMATION: PC ISSUANCE DATE: 6/27/12 P/O NO.: G25306 PO ISSUANCE DATE: 3/7/2013	
E. START-UP DATE: 12/7/2009 Source Test Date	
F. OPERATIONAL TIME: 7 years	

4. EMISSION INFORMATION

A. BACT EMISSION LIMITS AND AVERAGING TIMES:						
	VOC	NOx	SOx	CO	PM OR PM₁₀	INORGANIC
BACT Limit		0.025 lb/MMBtu		0.06 lb/MMBtu		
Averaging Time		1 HR		1 HR		
Correction						
B. OTHER BACT REQUIREMENTS:						
C. BASIS OF THE BACT/LAER DETERMINATION: Achieved in Practice/New Technology						
D. EMISSION INFORMATION COMMENTS: Maximum 4000 scfm landfill gas (Condition 8 - project specific). 1400°F Min temp (Condition 5 – project specific). Annual performance tests (Condition 12). Per source test PM10 as PM. BACT Limits apply when unit is fired on landfill gas.						

7. ADDITIONAL SCAQMD REFERENCE DATA

A. BCAT: Click here to enter text.	B. CCAT: 50	C. APPLICATION TYPE CODE: 10	
D. RECLAIM FAC? YES <input type="checkbox"/> NO <input type="checkbox"/>	E. TITLE V FAC: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	F. SOURCE TEST ID(S): PR09359	
G. SCAQMD SOURCE SPECIFIC RULES:			
H. HEALTH RISK FOR PERMIT UNIT			
H1. MICR:	H2. MICR DATE:	H3. CANCER BURDEN:	H4. CB DATE:
H5: HIA:	H6. HIA DATE:	H7. HIC:	H8. HIC DATE: