



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 AIR POLLUTION CONTROL PROGRAM  
**EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ**  
**FORM 2.0L LANDFILL WORKSHEET**

FACILITY NAME	FIPS COUNTY NO.	PLANT NO.	YEAR OF DATA
EMISSION UNIT NO.		SOURCE CLASSIFICATION CODE (SCC)	SEG. NO.

**LANDFILL INFORMATION**

TYPE OF LANDFILL (CHECK ONE) <input type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> Closed	IF CLOSED, DATE OF LAST WASTE ACCEPTED  	<input type="checkbox"/> Used EPA's software (LANDGEM) (attach summary)  <input type="checkbox"/> Used DNR spreadsheet created with Microsoft® Excel® (attach copies)
	TIME SINCE CLOSURE (YRS.) c=  CELL(B15)	
TYPE OF CONTROL (CHECK ONE) <input type="checkbox"/> Flare <input type="checkbox"/> Control system <input type="checkbox"/> Enclosed combustor <input type="checkbox"/> None	TIME SINCE INITIAL REFUSE PLACEMENT (YRS.) t=  CELL(B13)	Default capture efficiency is 75 percent. Documentation must be supplied for other values.
	CAPTURE EFFICIENCY  CELL(B17)	

DESTRUCTION EFFICIENCY (%)  CELL(B24)	LANDFILL DESIGN CAPACITY (CUBIC METERS)
AVERAGE ANNUAL REFUSE ACCEPTANCE RATE (Mg/YR.) R=  CELL(B14)	MASS OF SOLID WASTE IN THE LANDFILL (Mg)
ACRES OF LANDFILL  CELL(B16)	GAS SENT OFF-SITE (MMCF)  CELL(B18)

**CALCULATION OF EMISSIONS**

Default values are 100 m<sup>3</sup>/Mg for L (Methane generation rate potential) and 0.04/yr for k (Methane generation rate constant).

METHANE GENERATION RATE (QCH4) (m <sup>3</sup> /YR.)  CELL(G11)	METHANE GENERATION RATE (MMCF)  CELL(H11)
SO <sub>2</sub> EMISSIONS (LB./YR.)  CELL(N35)	HCl EMISSIONS (LB./YR.)  CELL(I50)
NMOC (VOC) FUGITIVE EMISSIONS (LB./YR.)  CELL(G88)	NMOC (HAP ONLY) FUGITIVE EMISSIONS (LB./YR.)  CELL(G51)
NMOC (VOC) COLLECTED, UNCONTROLLED (LB./YR.)  CELL(I88)	NMOC (HAP ONLY) COLLECTED, UNCONTROLLED (LB./YR.)  CELL(I51)
NMOC (VOC) EMISSIONS FROM CONTROL (LB./YR.)  CELL(K88)	NMOC (HAP ONLY) EMISSIONS FROM CONTROL (LB./YR.)  CELL(K51)

**CALCULATION OF EMISSION FACTORS**

Report fugitive emissions and controlled emissions on separate Forms 2.0.  
 Fugitive emissions use SCC 50100402, throughput units of acres.

VOC FUGITIVE EMISSION FACTOR (LB./ACRE)  CELL(L31)	HAP FUGITIVE EMISSION FACTOR (LB./ACRE)  CELL(L32)
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Waste gas flares use SCC 50100410, throughput unit of MMCF burned.  
 For SCCs for other controls, contact your regulatory agency.

VOC TO CONTROL EMISSION FACTOR (LB./MMCF)  CELL(N31)	HAP TO CONTROL EMISSION FACTOR (LB./MMCF)  CELL(N33)
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