



SITE ASSESSMENT FORM

CalRecycle 881 (Rev. 1/17)

(Attach additional description or explanation as needed or include in comment Section VIII.)

Site name:

SWIS No.

I. Disposal Site Characteristics

A. Waste Area(s) Dimensions

- 1. Area and volume: acres cubic yards
- 2. Estimate maximum depth of waste: feet
- 3. Estimate average depth of waste: feet

B. Soil Type (check appropriate soil types)

- 1. Clay, silt, loam (low permeability): Native Cover
- 2. Sand, pebble (medium permeability): Native Cover
- 3. Gravel, cobble, rocks (high permeability): Native Cover

C. Mean annual precipitation: inches

D. Estimated separation between waste and ground water: feet

E. Is waste area within a 100-year flood plain? Yes No

F. Show the following items on a site map(s):

- 1. Property boundaries
- 2. Waste disposal area(s) boundary
- 3. Structures on or within 1000 ft. of waste
- 4. Topographical Contours
- 5. Access points and roads
- 6. Site security systems
- 7. Surface water bodies and drainage patterns
- 8. Monitoring and control systems
- 9. Areas where landfill gas migration was detected
- 10. Areas where leachate migration was detected

G. Provide a chronological list of enforcement actions for the site:

H. Provide reference list of technical documents for the site (Give date and report, e.g. SWAT, Design, Control System, and Monitoring Plans):

II. Landfill Gas Migration

A. Status

1. Has an Air Quality Solid Waste Assessment Test (Air SWAT) been completed for the site? Yes No
If **yes**, describe results:
2. Have surface or structure landfill gas monitoring surveys been conducted for the site? Yes No
If **yes**, describe results:
3. Does the site have a landfill gas monitoring system? Yes No
If **yes**, describe:
4. Does the site have a landfill gas control system? Yes No
If **yes**, describe:

B. Migration

1. Do surface methane emissions exceed 500 ppm? Yes No Unknown

If **unknown**, conduct a field survey for presence of landfill gas.

If **no**, based on field observations or measurements, age, and moisture content of the waste and the existing cover are surface emissions > 500 ppm likely to occur? Yes No

2. Has >1.25% methane by volume accumulated in on-site structures? Yes No Unknown

If **unknown**, conduct a field structure survey for presence of landfill gas.

If **no**, based on field measurements, the age and nature of the waste, land use, and cover conditions, is landfill gas accumulation likely to occur in structures on or around the site? Yes No

Reasons:

3. Do the methane concentrations exceed 5% at the site boundary? Yes No Unknown

If **unknown**, conduct perimeter field survey for landfill gas migration.

If **no**, based on a perimeter field survey, age and moisture content of the waste, and the existing cover, is landfill gas migration likely to occur beyond the boundaries of the site? Yes No

Reasons:

III. Leachate Seeps

A. Status

1. Does the site have a leachate control system? Yes No

If **yes**, briefly describe the leachate control system:

2. Does the landfill have an engineered lining system? Yes No

If **yes**, briefly describe the liner system:

3. Does the site have a final cover? Yes No

If **yes**, briefly describe the final cover and any agency approvals:

B. Migration

1. Is there any evidence of leachate seeps? Yes No

If **yes**, briefly describe and indicate if offsite:

IV. Burn Ash

A. Status

1. Is there burn ash at this site? Yes No

If **yes**, briefly describe:

2. Is there any exposed burn ash? Yes No

If **yes**, briefly describe:

B. Migration

1. Is there any evidence of burn ash off site? Yes No

If **yes**, briefly describe:

V. Surface Conditions

- A. *Is site access adequately restricted?* Yes No
- B. *Is the waste adequately covered to prevent human contact?* Yes No
- C. *Is the final drainage system for the site adequate to prevent erosion?* Yes No
- D. *Is the final grading adequate to promote run off?* Yes No
- E. *Are slopes greater than 3:1 (33% or 18 degrees)?* Yes No
- F. *Are slopes greater than 1.75:1 (57% or 30 degrees)?* Yes No
- G. *Comments:*

VI. Postclosure Land Use

- A. *Has the land use of the site significantly changed since closure?* Yes No

If yes, include or reference site improvement plans and answer the following:

- 1. Give the date that the improvements were constructed:
- 2. Have the improvements compromised the integrity of the final cover? Yes No N/A
- 3. Has differential settlement affected the improvements? Yes No

- B. *Is there a proposed change in postclosure land use that may jeopardize the integrity of previously closed sites or pose a potential threat to public health and safety or the environment?* Yes No

If yes, briefly describe the proposed project:

- C. *Is there a postclosure land use tracking system?* Yes No

If yes, describe the tracking system:

VII. Disposal Site Category (See Classification Chart)

- Primary A: B: C: D: U: X:
Secondary 1: 2: 3:

VIII. Comments:

Prepared By:

Date: