



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Cal/EPA Secretary

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Arnold Schwarzenegger
Governor

Copies

*Javier P.
Rosalia R.
Karan Coca*

October 30, 2009

Khalil M. Gharios, Division Manager
Solid Resources Processing and Construction Division
City of Los Angeles Bureau of Sanitation
1149 S. Broadway, 9th Floor
Los Angeles, CA 90015

APPROVAL OF AMENDMENT TO FINAL POST-CLOSURE MAINTENANCE PLAN - LOPEZ CANYON SANITARY LANDFILL, LAKE VIEW TERRACE, CALIFORNIA (FILE NO. 69-068, ORDER NO. R4-2004-0176, CI-5636)

Dear Mr. Gharios:

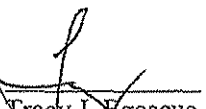
The California Regional Water Quality Control Board, Los Angeles Region (Regional Board), has received from the City of Los Angeles Bureau of Sanitation a document titled *Final Post-Closure Maintenance Plan, Lopez Canyon Sanitary Landfill, Volume II of II - Amendment to Partial Post-Closure Maintenance Plan, Revision II* (Amendment to FPCMP), dated August 26, 2009, and received at the Regional Board office on September 21, 2009. The Amendment to FPCMP was submitted in response to our letter dated March 11, 2009, that provided comments on a Draft Mitigated Negative Declaration that proposed a truck driver training academy (Training Academy) at the Lopez Canyon Landfill (Landfill) in Lake View Terrace that is currently in the process of final closure.

The Amendment to FPCMP includes post-closure maintenance procedures that are related to the operations of the proposed Training Academy and the construction details of the final cover at Deck B of the Landfill where the Training Academy will be located. A revised stormwater pollution prevention program (SWPPP) that includes best management practices (BMPs) related to the operations of the Training Academy was also submitted with the Amendment to FPCMP.

We have reviewed the information provided and determined that the Amendment to FPCMP adequately addresses the comments in our letter dated March 11, 2009. The Amendment to FPCMP is therefore approved. Please be advised that, in accordance with 27 CCR, Section 21860(a), the Amendment to FPCMP must also be approved by the City of Los Angeles Local Enforcement Agency (LEA) and the California Integrated Waste Management Board before its implementation.

Should you have any questions, please contact Dr. Wen Yang (project manager) at (213) 620-2253.

Sincerely,


Tracy J. Hogue
Executive Officer

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. Khalil Gharios
Lopez Canyon Sanitary Landfill

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October 30, 2009

cc: Peter Jan, Remediation, Closure and Technical Assistance Branch, CIWMB
David Thompson, Department of Environmental Affairs, City of Los Angeles (LEA)
Yonas Zemuy, Geosyntec Consultants, Huntington Beach
Marlene Rader, Resident of Sunland

California Environmental Protection Agency



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Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

TABLE 2-2
CALCULATED CUMULATIVE ANNUAL INFILTRATION - REVISED
LOPEZ CANYON SANITARY LANDFILL
LAKEVIEW TERRACE, CALIFORNIA

Landfill Portion	Surface Area (acres)¹	Title 27 Prescriptive Cover	Infiltration through Title 27 Prescriptive Cover (cm²)	Infiltration through Evapotranspirative Soil Cover (cm²)
Disposal Area C – Deck	22.6	Composite Cover with geomembrane	0.627	1.09
Disposal Area C – Slopes	12.7	Compacted Clay Cover	23.98	1.09

Notes:

- 1) Table 2-2 was revised to present to address topographical error regarding the surface area noted by the LEA
- 2) Cumulative annual infiltration for the modeled 10 years period

TABLE 2-2a

**CALCULATED CUMULATIVE ANNUAL INFILTRATION
USING WEIGHTED AVERAGE METHODOLOGY
LOPEZ CANYON SANITARY LANDFILL
LAKEVIEW TERRACE, CALIFORNIA**

Landfill Portion	Title 27 Prescriptive Cover	Surface Area (acres)	Surface Area (ft²)	Infiltration through Title 27 Prescriptive Cover (cm/year)	Infiltration through Title 27 Prescriptive Cover (gallons/yr)	Infiltration through Evapotran- spirative Soil Cover (cm/yr)	Infiltration through Evapotran- spirative Soil Cover (gallons/yr)
Disposal Area C – Deck	Composite Cover with geomembrane	22.6	≈ 984,448	0.627	≈ 151,487	1.09	≈ 263,351
Disposal Area C – Slopes	Compacted Clay Cover	12.7	≈ 553,208	23.98	≈ 3,255,765	1.09	≈ 147,989
CUMULATIVE ANNUAL INFILTRATION		35.3	1,537,656	-	≈ 3,407,252	-	≈ 411,340

TABLE 2-2c
CALCULATED CUMULATIVE REVISED ANNUAL INFILTRATION
USING WEIGHTED AVERAGE METHODOLOGY
LOPEZ CANYON SANITARY LANDFILL
LAKEVIEW TERRACE, CALIFORNIA

Landfill Portion	Title 27 Prescriptive Cover	Surface Area (acres)	Surface Area (ft ²)	Infiltration through Title 27 Prescriptive Cover (cm/year)	Infiltration through Title 27 Prescriptive Cover (gallons/yr)	Infiltration through Evapotranspirative Soil Cover (cm/yr)	Infiltration through Evapotranspirative Soil Cover (gallons/yr)
Disposal Area C – Deck	Composite Cover with geomembrane	22.6	≈ 984,448	0.627	≈ 151,487	0.610	≈ 147,380
Disposal Area C – Slopes	Compacted Clay Cover	12.7	≈ 553,208	23.98	≈ 3,255,765	1.09	≈ 147,989
CUMULATIVE ANNUAL INFILTRATION		35.3	1,537,656	-	≈ 3,407,252	-	≈ 295,369

Landfill Portion	Title 27 Prescriptive Cover	Surface Area (acres)	Surface Area (ft2)	Infiltration through Title 27 Prescriptive Cover (cm/year)	Infiltration through Title 27 Prescriptive Cover (gallons/yr)
Disposal Area C – Deck	Composite Cover with geomembrane	22.6	984,448	0.627	151,487.14
Disposal Area C – Slopes	Compacted Clay Cover	12.7	553,208	23.98	3,255,765.29
		35.3	1,537,656		3,407,252.43

Infiltration through Evapotran- spirative Soil Cover (cm/yr)	Infiltration through Evapotran- spirative Soil
1.09	263,350.86
1.09	147,989.33
	411,340.19