STATE OF CALIFORNIA
SOLID WASTE FACILITIES PERMIT

1. Facility/Permit Number:
BARSTOW SANITARY LANDFILL
36-AA-0046

2. Name and Street Address of Facility:
BARSTOW SANITARY LANDFILL
COUNTY OF SAN BERNARDINO
PUBLIC SERV. G./ WASTE SYSTEMS D.
SITE LOCATED APPROX. 3 MILES
SOUTH OF BARSTOW ON S.R. 247)

3. Name and Mailing Address of Operator:
COUNTY OF SAN BERNARDINO
PUBLIC SERVICES GROUP
WASTE SYSTEMS DIVISION
222 E. HOSPITALITY LN., 2ND FLOOR
SAN BERNARDINO, CA 92415-0017

4. Name and Mailing Address of Owner:
COUNTY OF SAN BERNARDINO
PUBLIC SERVICES GROUP
WASTE SYSTEMS DIVISION
222 E. HOSPITALITY LN., 2ND FLOOR
SAN BERNARDINO, CA 92415-0017

5. Specifications:

a. Permitted Operations:

[ ] Composting Facility (mixed wastes)
[ ] Composting Facility (yard waste)
[X] Landfill Disposal Site
[ ] Material Recovery Facility
[ ] Processing Facility
[ ] Transfer Station
[ ] Transformation Facility
[X] Liquid Septage Waste Class II Surface Impoundments (Evaporation Ponds) and Land Farm (Septage Drying Beds)

b. Permitted Hours: Open to the Public*: 8:00 a.m. - 4:30 p.m. - Daily (except specified holidays); Hours of Site Activities*: 7:00 a.m. - 7:30 p.m. - Daily (359 days/year) except: Site closed New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day

* The LEA may modify these hours at the request of the operator. The request shall be made by the operator in writing at least 30 days in advance of implementation.

c. Total Permitted Tons Arriving/ Operating Day: Maximum 400** Tons/Day Solid waste + maximum 125 Tons/Day Liquid Septage) = maximum 525** Tons/Day
(Non-enforcement/ information item only: Current daily throughput = approximately 162 to 176 Tons/Day = approximately 58,158 to 63,184 Tons/Year)

Non-Hazardous - Total Solid Waste : ——— maximum 400** Tons/Day
Non-Hazardous - Total Liquid Septage: ——— maximum 125 Tons/Day
Non-Hazardous - Total Dried Septage Sludge (Arriving at Land Farm): ——— Maximum 7,200 Tons/Year Design Capacity) = daily average 20 Tons/Day
Designated Waste: ——— (NONE) Tons/Day
Hazardous Waste: ——— (NONE) Tons/Day
**(See LEA Condition No. 24)

Total Permitted Traffic Volume: ——— 306 Vehicles/Day
Incoming vehicles with solid waste, liquid septage, and/or dried septage sludge materials: ——— Any Within Total of 306 Vehicles/Day
Incoming vehicles with imported soil cover: ——— Any Within Total of 306 Vehicles/Day
Outgoing vehicles with salvaged materials: ——— Any Within Total of 306 Vehicles/Day

e. Key Design Parameters

	Total	Disposal Footprint	Transfer	MRF	Composting	Transformation
Permitted Area (in acres)	640	47	NONE	NONE	NONE	NONE
Design Capacity (cubic yards)		3,554,500	NONE	NONE	NONE	NONE
Max. Elevation (Ft. MSL)		2,985				
Max. Depth (Ft. MSL)		approximately 2,300				
Estimated Closure Date		2007***				

***(Estimated closure date subject to change upon receipt of less than expected tonnage.)

This permit is granted to the operator named above. Upon a change of operator, this permit is subject to review. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued Solid Waste Facilities Permit. Nothing in this permit shall prevent the operator from complying with any federal, state, and local requirements and enactments including all mitigation and monitoring measures developed in accordance with any certified environmental document filed pursuant to Public Resources Code (PRC) Section 21081.6. Nothing in this permit shall be construed as relieving any operator, owner, or designee from the obligation of obtaining all required permits, licenses, or other clearances and complying with all orders, laws, regulations, or other requirements of other regulatory or enforcement agencies.

6. Approval:

Approving Officer Signature
PAMELLA BENNETT, DIRECTOR

7. Enforcement Agency Name and Address:
DEPARTMENT OF PUBLIC HEALTH/
DIV. ENVIRONMENTAL HEALTH SERVICES
COUNTY OF SAN BERNARDINO - LEA
385 NORTH ARROWHEAD AVE.
SAN BERNARDINO, CA 92415-0160

8. Received by CIWMB:
AUG 11 1997

9. CIWMB Concurrence Date:

10. Permit Review Due Date:

11. Permit Issued Date:

83

STATE OF CALIFORNIA
SOLID WASTE FACILITIES PERMIT

Facility/Permit Number:
BARSTOW SANITARY LANDFILL
36-AA-0046

2. Legal Description of Facility:
SE 1/4 SEC. 30, NE 1/4 N 1/2 SE 1/4 SEC 31, NW 1/4 N 1/2 SW 1/4 SEC 32, T 9 N, R 1W, SBB & M

3. Findings:

a. The LEA certifies that pursuant to PRC §50000 (a)(5) and §50001 (a)(1) that this facility is identified and described in the Countywide Integrated Waste Management Plan (locally approved pursuant to PRC §41721) and conditionally approved (siting element fully approved) by CIWMB in 1996.

b. This permit (with proposed changes) is consistent with standards adopted by the CIWMB pursuant to PRC §44010 including all applicable federal Resource Conservation and Recovery Act (RCRA) Subtitle D requirements.

c. The design and operation of the facility (with proposed changes) is in compliance with State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA.

d. The local fire protection district, the San Bernardino County Fire Department/ Fire Warden Department, has (pursuant to PRC §44151 re: PRC §4371 et seq.) determined that the facility is in conformance with applicable fire standards

e. A Notice of Determination (NOD - SCH# 97031003) regarding the February 21, 1997 Initial Study/ Supplemental Negative Declaration (revised June 23, 1997) for proposed changes at this facility was filed on June 20, 1997 with the Clerk of the Board of Supervisors of the County of San Bernardino, and filed on August 6, 1997 with the State Office of Planning and Research (OPR) pursuant to PRC § 21081.6. The NOD found that proposed changes at the facility would not have a significant effect on the environment with mitigation measures made conditions-of-approval of the project.

f. The authorized agent of the local governing body, the San Bernardino County Planning Department has [pursuant to PRC § 50000.5(a)] determined that proposed changes are consistent with and designated in the applicable general plan.

g. The authorized agent of the local governing body, the San Bernardino County Planning Department has [pursuant to PRC § 50000.5(b)] found surrounding land use compatible with proposed changes at the facility

4. Prohibitions: The permittee is prohibited from accepting any non-hazardous waste requiring special handling, designated waste, or hazardous waste except the following (and only if the acceptance of such waste is authorized by all applicable permits): liquid septic waste for drying in the designated Class II surface impoundments (evaporation ponds), septage sludge for drying in the land farm drying beds, and the temporary storage of hazardous waste (detected in the hazardous waste screening/ exclusion program) in the designated hazardous waste temporary storage shed.

The permittee is also prohibited from: accepting friable or non-friable asbestos, or large dead animals; burying whole tires (PRC §42801 et seq.) or any metallic discard (PRC §42161 et seq.); or allowing any open burning or scavenging.

5. The following documents also describe and/or restrict the operation of this facility:

[X] Periodic Site Review	04/04/96	[X] Hazardous Waste Clean-up Report	02/12/91
[X] Report of Facility Information (RFI)	12/21/94	[X] Amended WDR & MRP #89-33A-1	09/08/94
[X] Amendments to 12/21/94 RFI	07/25/97	[X] "Blanket" WDR & DMP #6-93-100	06/09/93
[X] CEQA 02/21/97 Initial Study -Revised	06/23/97	[X] NPDES Permit - Notice of Intent (Update)	04/25/94
[X] Notice of Determination OPR Filing on 02/21/97 Subsequent Negative Declaration	08/06/97	[X] Water Quality Monitoring Quarterly Reports (Lahontan CRWQCB)	(quarterly)
[X] Mitigation Monitoring/ Reporting (Compliance) Plan	06/23/97	[X] Workplan for Geologic and Hydrogeologic Characterization Proposed Landfill Expansion	06/02/97
[X] County Indemnification Contract	08/15/94	[X] Vadose Zone Quarterly Monitoring Reports	(quarterly)
[X] Operator's Waiver of Statutory Time Limits	06/30/97	[X] Operating Liability Self-Insurance Approval	01/15/93
[X] Planning Dept. (General Plan) Consistency and (Land Use) Compatibility Findings	07/13/93	[X] Preliminary Closure/ Postclosure Plans	01/20/95
[X] US-EPA Hazardous Waste Generator ID #CAD982495624	08/06/90	[X] Approval of Financial Assurance Mechanism for Postclosure Maintenance Costs	09/25/94
		[X] Haz-Waste Gen./ Special Handler Permits	03/31/97
[X] BLM/ County Land Purchase/ Patent MOU (to define responsibilities, procedures, etc.)	03/09/95	[X] Fire Protection District Findings	11/24/93
[X] Mojave Desert AQMD Clearance Letter	12/17/93	[X] Actions Taken to Reduce Liner - Letter to LEA	07/30/97

84

STATE OF CALIFORNIA
SOLID WASTE FACILITIES PERMIT

Facility/Permit Number:
BARSTOW SANITARY LANDFILL
36-AA-0046

10. Self Monitoring: In addition to self-monitoring programs and the California Environmental Quality Act (CEQA) mitigation monitoring and reporting program described in other documents controlling this facility, the following programs shall be reported to the LEA and others as follows:

Program	Reporting Frequency	Agency Reported To
Summary of daily records (in tons/day) per: solid waste received, liquid septage received, dried septage sludge received (at Land Farm), salvaged/ recovered materials leaving site (per type); daily visual estimate of recovered materials stored on-site (in weight, volume or count per type).	Quarterly [1]	LEA [2]
Summary of motor vehicle counts in vehicles/day per: entering with waste, septage, sludge, cover and/or leaving with salvaged/ recovered materials.	Quarterly [1]	LEA [2]
Summary of public complaints received, regulatory notices received and the operator's responses/ corrective actions taken.	Quarterly [1]	LEA [2]
Summary of entries in Log of Special/ Unusual Occurrences and operator's responses/ corrective actions taken.	Quarterly [1]	LEA [2]
Summary of record-keeping specified in the Hazardous/ PCB/ Prohibited Waste Screening/ Exclusion Program including: quantities/ types of [illegible]mals discovered, responses, corrective actions [illegible]en, interim/ final disposition of materials and public education activities.	Quarterly [1]	LEA [2]
Vector inspection/ control program (as may be specified in the RDSI).	Quarterly [1]	LEA [2]
Water quality control of contaminants - monitoring, reporting, remediation and related programs including: Waste Discharge Requirements, water SWAT's, Clean-up & Abatement Orders/ Work-plans/ Remediation Schedules, NPDES Permits.	Quarterly [1]	LEA [2]
Air quality management of emissions - monitoring, reporting, remediation and related programs including: fugitive dust (PM_{10}) control, LFG monitoring/ control, air SWAT's, AQMD equipment permits.	Quarterly [1]	LEA [2]
	[1] = Reporting due by the 15th of the month following the end of the reporting period, OR else when due as specified by the controlling regulatory authority.)	[2] = Plus reporting to all other local, state and federal authority with jurisdiction at the facility.

85

STATE OF CALIFORNIA
SOLID WASTE FACILITIES PERMIT

Facility/Permit Number:
BARSTOW SANITARY LANDFILL
36-AA-0046

LEA Conditions:

(NOTE: LEA conditions listed here shall be in addition to conditions of other documents controlling operation of this facility.

1. The operator shall comply with all State Minimum Standards for Solid Waste Handling and Disposal as specified in Titles 14 and 27 California Code of Regulations (CCR). The operator shall not operate this facility without possession of all required permits/ regulatory approvals. The operator shall inspect the site at least once each day of operation to ensure compliance with all applicable standards/ conditions/ mitigations/ permits/ regulations.

2. The operator shall submit information to the LEA demonstrating compliance with all mitigation and monitoring measures developed in accordance with any certified environmental document filed pursuant to Public Resources Code (PRC) §21081.6, and all administrative/ enforcement orders of all regulatory agencies with jurisdiction at this facility.

3. The operator shall maintain a copy of this Solid Waste Facilities Permit (SWFP), a copy of all other required regulatory permits, and a copy of all regulatory inspection reports, at the facility or at a location readily accessible to facility personnel, LEA staff and other regulatory personnel.

4. Additional information concerning the design/ operation of this facility shall be furnished upon request to the LEA and other regulatory personnel.

5. The operator shall notify the LEA in writing (with proposed amendments to the Report of Facility Information or Joint Technical Document), at least one hundred fifty (150) days in advance of proposed significant changes (as determined by the LEA), in the design/ operation of the facility to allow for early consultation, completion of all required documents/ due process review/ filing and the completion of all related permitting processes. Such notification shall include changes (including new additions) of: processing/ composting/ baling/ materials recovery facility (MRF)/ transfer station and/or transformation facility, changes in permitted days of operation, permitted tons/day per category, permitted traffic volumes/day per category, permitted total area, disposal footprint, maximum elevation, maximum depth of waste, and/or estimated closure year, which may be later proposed for this facility.

6. This facility is authorized to conduct limited salvaging and to store recovered materials (if such salvaging/ storage is properly described in the RDSI or amendments thereto) for brief periods of time [not to exceed thirty (30) days for any category of material] and only in closable durable containers as specified by the LEA. Such limited salvaging/ storage shall only be conducted as pre-approved by the LEA to preclude the creation of health hazards or public nuisances. The facility shall not to be used as a composting facility, materials recovery facility (MRF), processing facility, transfer station and/or transformation facility. Except for grinding, chipping, and mulching for erosion control purposes, no mechanical sorting, composting, or other processing shall occur at the facility location except as the LEA may give prior written approval for brief [less than thirty (30) day] experimental/ pilot project type programs.

7. The LEA reserves the right to suspend and/or modify operations at this facility when deemed necessary due to any emergency, potential health hazard, public nuisance, delay in implementation of closure activities, and/or other sufficient cause.

8. Interpretation of this revised SWFP shall be consistent with PRC §44012 to ensure that the primary consideration is to protecting public health and safety and preventing environmental damage, that long-term protection of the environment is the guiding criterion, and that any term or condition of the revised SWFP is consistent with local enforcement programs and standards pursuant to PRC §43209(e).

9. As outlined in Section 16, the operator shall maintain at the facility or other approved location, accurate daily records of the tonnage/day and number of vehicles/day per: incoming solid waste, outgoing recovered material (per category); and an estimate (by weight, volume or count) of the total amount of recovered material (per category) stored on-site for brief periods of time. Such records shall be readily accessible at the facility, or other approved location to the LEA/ other regulatory personnel. A written summary of such tons/day per category, vehicles/day per category and estimates/day per category, shall be furnished quarterly to the LEA within fifteen (15) days of the end of each quarter.

10. As outlined in Section 16, the operator shall furnish a written summary of all written public complaints (including all regulatory notices such as: Notices of Violation, Notice and Orders, Clean-up & Abatement Orders) concerning the facility received by the operator during a quarter and the operator's responses/ corrective actions taken, to the LEA within fifteen (15) days of the end of each quarter.

11. As outlined in Section 16, the operator shall maintain at the facility, a log of special/unusual occurrences (S/U O). The log shall include, but not be limited to: fires, explosions, discharges of unusual waste, "free dump days," significant incidents of personal injury, accidents and/or property damage. Each log entry shall be accompanied by a summary of the responses/ corrective actions taken by the operator to mitigate any negative impacts of each occurrence. Days without incidents of S/U O shall be noted with an appropriate negative entry for such days such as: "No S/U O today". The operator shall maintain this log at the facility in a manner readily accessible to facility personnel and to the LEA/ other regulatory personnel. A written summary of the log entries during a quarter shall be furnished to the LEA with fifteen (15) days of the end of each quarter.

12. The operator shall maintain an LEA approved hazardous/ PCB/ prohibited waste screening/ exclusion (load-checking) program at the facility which will adequately protect public health and the environment from illegal on-site disposal of hazardous/ PCB/ prohibited wastes. It shall include not less than forty (40) hours per week of on-site load-checking by personnel trained in such activities. Signs, brochures and/or other appropriate communication measures shall be utilized by the operator to direct site users to the nearest Household Hazardous Waste (HHW) collection facility, and inform site users of pending HHW Round-up activities scheduled for communities within the site's waste-shed. A written summary of all program activities/ results during a quarter, shall be furnished to the LEA within fifteen (15) days of the end of each quarter.

86

STATE OF CALIFORNIA
SOLID WASTE FACILITIES PERMIT

Facility/Permit Number:
BARSTOW SANITARY LANDFILL
36-AA-0046

LEA Conditions (continued):

13. The operator shall submit information to the LEA demonstrating compliance with all applicable laws and regulations pertaining to employee health and safety, including maintaining an up-to-date written CAL-OSHA Injury and Illness Prevention Program (IIPP) (pursuant to Title 8 CCR) on-site and readily available for review by all facility personnel, by the LEA staff and all other regulatory personnel. The IIPP shall include a comprehensive training plan, availability of all necessary on-site work/ protection/ safety equipment, and adequate on-site first aid supplies. Personnel on-site shall at all times have immediate radio and or telephone access to a 911 emergency dispatcher.

14. The operator shall maintain an adequate vector monitoring/ control program with updates per the San Bernardino County Vector Control Program (SBCVCP).

15. The operator shall submit information to the LEA demonstrating compliance with all Waste Discharge Requirements, Clean-Up & Abatement Orders, detection and evaluation monitoring, remediation schedules and related requirements of the Lahontan - California Regional Water Quality Control Board (L-CRWQCB). The operator shall provide in the operating record and to the LEA, copies of all L-RWQCB required monitoring program results, compliance work--plans, compliance schedules, and related correspondence/ reports.

16. The operator shall submit information to the LEA demonstrating compliance with all rules of the Mojave Desert - Air Quality Management District (MD-AQMD) including: fugitive dust (PM_{10} control, landfill gas (LFG) monitoring/ control, and MD-AQMD equipment permits. The operator shall take every reasonable precaution to control fugitive dust emissions including the use of water and approved dust palliatives. The operator shall assess the need for and implement adequate LFG monitoring/ venting/ collection/ programs, as may be required by federal, state [14 CCR §17258.23(a)&(b)], regional and/or local air quality management standards/ rules. Copies of all required MD-AQMD permits shall be provided to the LEA. The operator shall properly maintain all facility LFG equipment and structures according to manufacturers specifications and good engineering/ maintenance practices.

17. The operator shall use all reasonable measures to avoid "taking" of any threatened, endangered, rare and/or sensitive species which may be found on or immediately adjacent to the site, in consultation with the U. S. Fish and Wildlife Service and the California Department of Fish & Game.

18. At all times, there shall be adequate portable litter-control fencing and litter picking personnel to preclude litter from blowing and accumulating off-site.

19. At all times site operations occur during hours of darkness, adequate portable lighting shall be available and properly utilized.

20. Under adverse wind conditions where wind gusts register 45 mph or greater, three or more times during any 30-minute period, or register a constant 40 mph speed, self-haul vehicles shall be diverted to the nearest available operator-controlled facility without adverse wind conditions. If three or more wind gusts of 50 mph or greater occur in any 30-minute period, or winds register a constant 45 mph or greater speed, commercial haulers shall be diverted to the nearest available operator-controlled facility without adverse wind conditions.

21. At all times the site perimeter (including any expansion area) shall be provided with adequate security gates and fencing in good repair (or equivalent effective barriers).

22. Alternative daily cover (ADC) shall not be used unless/ until an ADC project is reviewed and approved by the LEA.

23. Waste and cover material shall be spread and compacted utilizing methods to maximize compaction and to decrease the attraction of animals, birds and vectors to the site. Personnel shall not secure the site each day until the operator's inspection confirms that at least six (6) inches of compacted cover or approved ADC has been deposited/ placed over all waste and sufficient to prevent such attraction. On-site litter shall not be allowed to accumulate, so as to create such an attraction.

24. This facility is authorized to accept a maximum of 525 tons of solid and liquid waste per day, except that the 400 tons/day solid waste component of this maximum may be exceeded when occasional "free dump days" are offered to the public in connection with community clean-up programs.

25. The operator shall use best efforts to quickly acquire BLM contiguous properties with buried waste and/or contiguous properties necessary for site closure, and postclosure maintenance activities.

(End of LEA Conditions)