CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

ADDENDUM NO. 6 TO ORDER NO. 97-11

GENERAL WASTE DISCHARGE REQUIREMENTS FOR POST-CLOSURE MAINTENANCE OF INACTIVE LANDFILLS CONTAINING HAZARDOUS AND NONHAZARDOUS WASTES WITHIN THE SAN DIEGO REGION

The California Regional Water Quality Control Board, San Diego Region (hereinafter Regional Board), finds that:

- WASTE DISCHARGE REQUIREMENTS. Except as contradicted or superceded by the findings and directives set forth in this Addendum, (Addendum No. 6) all of the previous findings and directives of Order No. 97-11, General Waste Discharge Requirements for Post-Closure Maintenance of Inactive Nonhazardous Waste Landfills Within the San Diego Region remain in full force and effect.
- 2. **WASTE DISCHARGE:** Between 1963 and 1972 the County of San Diego owned and operated the Alpine II Burn Dump (hereinafter Site) located at 9715, 9725 and 9727 Chocolate Summit Drive, Alpine, CA. The County discharged household rubbish, tree trimmings, non-combustibles and conducted waste burning operations at the Site.
- **PERSON RESPONSIBLE:** The former Alpine II Burn Dump is currently located on two different parcels which were formerly leased by the County of Sah Diego. Two of these parcels (9715 Chocolate Summit Drive, APN 402-350-38 and 9727 Chocolate Summit Drive, APN 402-350-40) were subsequently developed with single-family homes; the remaining parcel (9725 Chocolate Summit Drive, APN 402-350-60) is currently undeveloped and owned by the County of San Diego. As a current property owner and the former operator of the Alpine II Burn Dump, the County of San Diego is identified as the "Discharger" responsible for the management of wastes and waste related constituents discharged at the Alpine II Burn Dump.
- 4. **CORRECTIVE ACTION WORK PLAN:** On November 20, 2006, the Regional Board received a technical report entitled: "Corrective Action Work Plan, Former Alpine II Burn Dump, San Diego County, California." The work plan includes a proposal to consolidate and cap burn debris from two parcels adjoining a parcel owned by the County of San Diego. It is estimated that approximately 2,900 cubic yards of burn ash will be relocated to the County of San Diego parcel.

####	Landfill Name	Operation period	Facility Type	Site Address	Owner/ Operator		
5	Rainbow Canyon Landfill	1950's - 1974	burn dump	NW1/4, Section 30, T8s, R2W, San Bernardino Base & Meridian Coordinate System APN 922-230-026-4 (Riverside County)	333 Trust Rupinder Uppal and Sudeep Dhillon, Co-Trustees		
6	San Pasqual Academy	1949 - 1972	burn dump	17602 San Pasqual Valley Road, Escondido, CA	County of San Diego		
7	Former Alpine II Burn Dump	1963-1972	burn dump	9727, 9715 and 9725 Chocolate Summit Drive, Alpine, CA	County of San Diego		

Address
333 Trust, 1007 Los Alisos North, Fallbrook, CA 92028-3752
Ms. Vicky Gallagher, County of San Diego - Dept. of Public Works Landfill Management Division 5201 Ruffin Road, Suite D San Diego, CA 92123
Ms. Vicky Gallagher, County of San Diego - Dept. of Public Works Landfill Management Division 5201 Ruffin Road, Suite D

San Diego, CA 92123

Landfills - Closed, Inactive and Abandoned on November 1984

No.	Landfill Name	Operation period	Facility Type	Site Address	Owner/ Operator		
8	Old Marine Corp. Recruit Depot	1950 - 1971	Class II-2 landfill	Naval Training Center	San Diego County Regional Airport Authority		

Address	
Mr. Paul Manasjan, Director Environmental Affairs San Diego Cou Regional Airport Authority P.O. Box 82776, San Diego, CA 92138 2776	

Sorted by site name

Land Discharge Unit

SITE NAME	AGENCY	File No.	Assigned Staff	Regulated (Y/N)				monitoring program(Y/N)		Monit reports (year)	tech reports	Other actions
				WDR No.	CAO/ other	action needed	detect/ eval/ corr action	update antic				
Active												
landfills												
Anza	Riverside Co	6-0204.02	hoird				n					
Las Pulgas	USMC	6-0013.02	nhiek				n					
Miramar, West	S.D. City	6-0314.02	hoird				n					
Otay Annex	SDCO	6-0214.02	mcdab				n					
Prima Deschecha	Orange Co	6-0261.02	mcdab				У					
Ramona	SDCO	6-0248.02	hoird				n					
San Marcos	SDCO	6-0278.02	tamac				n					
San Onofre	USMC	6-0012.02	nhiek				n					
Sycamore	SDCO	6-0252.02	tamac				n					
non-landfill (131/136)												
Biormediation	USMC		nhiek									
Biormediation	NASNI		nhiek					1				
Soil wash	Soil Wash		nhiek									
Shewey	Shewey		nhiek									
Skinner	MWD	6-0001.02	hoird				У					
Weese Filtration	Oceanside	6-0106.02	nhiek				У					
Paco	Port district		nhiek									
Lakeside	lakeside land		nhiek									

SITE NAME	AGENCY	File No.	Assigned Staff	reg	regulated (Y/N)		=		inspect (year)	Monit reports (year)	tech reports	Other actions
				WDR No.	CAO/ other	action needed	detect/ eval/ corr action	update antic				
Closed/ Inact	ive with WDR											
Duck Pond	SDCO	6-0387.02	nhiek									
Foster Canyon	Orange County	6-0019.02	mcdab									
Jamacha	SDCO	6-0349.02	mcdab									
Miramar, South	S.D. City	6-0363.02	hoird									
Miramar, North	S.D. City	6-0026.01	hoird									
Mission Ave.	Oceanside	6-0342.02	mcdab									
Mission Bay	S.D. City	6-0378.02	hoird									
Omar	Darling Delaware	6-0215.02	mcdab									
Palomar Airport	SDCO	6-0362.02	tamac									
Poway	SDCO	6-0348.02	mcdab									
Rainbow Canyon	RanPac Engineering	6-0486.02	tamac									
Valley Center	SDCO	6-0244.02	tamac									
Viejas	SDCO	6-0311.02	hoird									

Closed/ Inactive without WDR				N		- managemen			
Arizona/Balboa	S.D. City	6-0003.02	hoird						
Bonsall	SDCO	6-0173.02	tamac						
Chotlas, North	S.D. City	6-0490.02	removed						
Chollas, South	S.D. City	6-0007.02	hoird						
convention center			nhiek						
Encinitas	SDCO	6-0017.02	tamac						
Fallbrook	SDCO	6-0018.02	mcdab						
Gillespie	SDCO		hoird						
Hillsborough	SDCO	6-1090.02	tamac						
Maxon Street	Oceanside	6-0023.02	mcdab						
Montgomery	S.D. City	6-0280.02	hoird						
Old San Marcos	SDCO	6-	tamac						
Otay Class I	S.D. County	6-0213.02	mcdab						
Tripp Salvage	Fred Tripp	6-0038.02	nhiek						
Militatary Sites									
Box Canyon	USMC	6-0011.02	tamac						
MCRD	NTC	6-0046.02	tamac						
Navel Train Cn	USMC	6-0035.02	tamac						
Golf Course	NASNI	6-0020.02	tamac						
Old Spanish Bight	NASNI	6-0030.02	tamac						
Admiral Baker	NAS		tamac						
Old Refuse disposal			tamac						
San Blast Grit			tamac						
San Clemente Dump			tamac						

Historical	Agency	RB file					
Agua Hediona	SDCO	6-0002.02					
Agua hedionda		SWAT					
alpine		county list					
alpine II		SWAT					
bell jr high	sweetwater II	county list					
Benton dump	escondido	county list					
butterfield ranch	julian	county list					
camp Callan	la jolla	county list					
Campo Indian	Campo Indians	6-0011.02					
carlsbad		SWAT					
Clairemont Mesa		6-0008.02					
clairmont HS							
burn	<u></u>	county list					
coronado cays	<u></u>	county list					
del mar dump		county list					
Del Obispo	Orange Co	6-0010.02					
Descanso	SDCO	6-0014.02					
dexter cyn	san vincente reservoir	county list					
east county dump		county list					
fairmont burnsite	sd	county list					
federal blvd	sd	county list					
Golf Course	NASNI	6-0020.02					
gunpowder point	chula vista	county list					
jacumba 1		county list					
jacumba 2		county list					
Jamul		SWAT					
julian I		county list					
julian II		county list					
Kelly street burn		county list					
la mesa	la mesa	county list					
La Mesa		RB files					
Laguna Beach	S.D. City	6-0021.02					
lake henshaw		county list					
Lakeside		county list					
Linda Vista	SDCO	6-0022.02					
mathews burn		county list					
mayhevy	escondido	county list					

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US Health	6-0298.02									
	county list									
port district	county list									
S D. City	C 0027 02									
S.D. City	6-0027.02									
	county list									
national city	county list									
Orange Co	6-0028.02									
SDCO										
SDCO	6-0031.02	sweetwater								
SDCO	6 0032 02									
SDCO	0-0032.02									
Perlmulter Ent.	6-0033.02									
SDCO	6-0034.02									
	county list									
camp pendleton	county list									
	county list									
	SWAT									
	CWAT									
	SWAI									
SDCO	6-0015.02									
	SWAT									
	county list									
SDCO	6-0037.02									
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	county list									
SDCO	6-0040.02									
	county list									
	port district S.D. City national city Orange Co SDCO SDCO SDCO SDCO Perlmulter Ent. SDCO camp pendleton	county listport districtcounty listS.D. City6-0027.02county listcounty listnational citycounty listOrange Co6-0028.02SDCO6-0029.02SWATcounty listcounty listcounty listSDCO6-0029.02SWATcounty listcounty listcounty listSDCO6-0032.02SDCO6-0032.02Perlmulter Ent.6-0033.02SDCO6-0034.02county listcounty listcamp pendletoncounty listSDCO6-0015.02SWATSWATSDCO6-0015.02SWATsWATSDCO6-0037.02sdcounty listcounty listcounty list	county listport districtcounty listS.D. City6-0027.02county listcounty listnational citycounty listOrange Co6-0028.02SDCO6-0029.02SWATcounty listcounty listcounty listcounty listcounty listSDCO6-0031.02SDCO6-0031.02SDCO6-0032.02Perlmulter Ent.6-0033.02SDCO6-0034.02county listcounty listcamp pendletoncounty listSWATSWATSDCO6-0015.02SWATsWATSDCO6-0037.02sWATcounty listsSDCO6-0037.02sSDCO6-0037.02sdcounty listcounty listcounty listSDCO6-0037.02sdcounty listsDCO6-0040.02sDCO6-0040.02sDCO6-0040.02sdcounty listcounty listsdcounty list	US Health 6-0298.02 county list county list port district county list S.D. City 6-0027.02 county list national city county list county list Corange Co 6-0028.02 SDCO 6-0029.02 SWAT county list county list county list county list SDCO 6-0031.02 sweetwater SDCO 6-0032.02 COUNT COUNTY list county	US Health 6-0298.02	US Health 6-0298.02 county list port district county list S.D. City 6-0027.02 county list national city county list Orange Co 6-0028.02 SDCO 6-0029.02 SWAT county list county list county list SDCO 6-0031.02 SPCO 6-0032.02 Perlmulter Ent. 6-0033.02 SDCO 6-0034.02 county list county list county list county list SDCO 6-0034.02 SDCO 6-0034.02 SDCO 6-0034.02 County list county list SDCO 6-0037.02 sd county list county li	US Health 6-0298.02 Image: Constraint of the second secon	US Health 6-0298.02 <	US Health 6-0298.02	US Health 6-0298.02 Image: Compute State Image: Compute State<

Landfills and Burn Dumps that contain insignificant quantities of decomposable waste

No.	Site Name	Operation period	Facility Type	Site Address	Owner/ Operator	Address
5	Rainbow Canyon Landfill	1950's - 1974	burn dump	NW1/4, Section 30, T8s, R2W, San Bernardino Base & Meridian Coordinate System	Dr. Harinder Grewal	Dr. Harinder Grewal, 1007 Los Alisos North, Fallbrook, CA 92028

5. WATER QUALITY TROL PLAN. The Water Quality Control Plan Report, San Diego Basin (9) (hereinafter Basin Plan), was adopted by this Regional Board on September 8, 1994, and subsequently approved by the State Water Resources Control Board (State Board) on December 13, 1994. Subsequent revisions to the Basin Plan have also been adopted by the Regional Board and approved by the State Board. The former Former Alpine II Burn Dump is locate in the El Capitan Hydrologic Area (7.30) The Basin Plan designates beneficial uses; narrative and numerical water quality objectives; and waste discharge prohibitions that are applicable to the discharges regulated under this Order.



LEGAL AUTHORITY: This Order is based on (1) section 13260 et seq. of the Porter-Cologne Water Quality Control Act (Division 7 of the Water Code, commencing with Section 13000); (2) applicable state and federal regulations; (3) all applicable provisions of statewide Water Quality Control Plans adopted by the State Water Resources Control Board and the *Water Quality Control Plan for the San Diego Basin* (Basin Plan) adopted by the Regional Board including beneficial uses, water quality objectives, and implementation plans; (4) State Water Board policies, including State Water Resolution No. 68-16 (*Statement of Policy with Respect to Maintaining High Quality of Waters in California*) Resolution No. 88-63 (*Sources of Drinking Water*); California Code of Regulations (CCR) Title 27 [§20090(g) and §20385(a)(3)]; and (5) relevant standards, criteria, and advisories adopted by other state and federal agencies.

- NOTIFICATION: The Regional Board has notified the charger and all known interested parties of its intent to enroll Alpine II burn Dump to Order No. 97-11.
- 8. **CEQA COMPLIANCE:** County of San Diego approved a Notice of Exemption from the California Environmental Quality Act (CEQA). The NOE was dated March 22, 2007 and cited Categorical Exemption, G Section 15304, CCR Title 14. The Regional Board received a copy of the Notice of Exemption on March 26, 2007.
- 9. **BOARD HEARING:** The Regional Board, in a public meeting, heard and considered all comments pertaining to the proposed action.

IT IS HEREBY ORDERED that:

A. ENROLLMENT IN GENERAL ORDER No. 97-11

1. The Alpine II Burn Dump is hereby enrolled, as a closed, inactive or abandoned waste management unit (Unit), for coverage by general waste discharge requirements issued as Order No. 97-11 and addenda thereto.

The Alpine II Burn Dump is added to the list of enrollees, per attachment 2, to this Addendum.

- The Regional Board identifies the County of San Diego as the Discharger responsible for the discharge of waste and waste constituents at the Alpine II Burn Dump.
- 3. The Discharger shall comply with all post-closure maintenance, monitoring, and reporting requirements of Order 97-11, and addenda thereto, for the Alpine II Burn Dump.

B. ADD MAINTENANCE SPECIFICATIONS C.18, C.19 AND C.20 as follows:

"C.18. <u>Consolidation of Burn-ash Wastes at the Alpine II Burn Dump</u>

- a. Burn ash wastes shall be placed within the consolidation area to a height of approximately 1 to10 feet above existing grade.
- b. The consolidated burn debris cap shall be compacted to a minimum relative compaction of 90%. Moisture content of burn-ash wastes during placement should be between 0 and 3% above optimum moisture content. Compaction test results shall be documented by field personnel and attached to Daily Field Reports.

C.19 Construction of Landfill Cover at the Alpine II Burn Dump

- a. The burn ash wastes shall be capped with a minimum two feet thick layer of soil.
- b. After the soil cap is constructed and graded to final elevations, the Discharger shall implement best management practices (BMPs) to control erosion of the landfill cover and control/convey surface water runoff.
- c. The side slopes of the consolidated burn ash wastes shall be no steeper than 3:1(H:V).
- d. The top deck of the consolidated burn ash wastes shall be constructed and maintained to ensure a minimum 2 percent grade to promote drainage of surface water grads the northeast.
- C.20 Confirmation Sampling at the Alpine II Burn Dump

The Discharger shall collect and _____lyze an adequate number of confirmation soil samples to verify that the burn debris has been removed

from the clean closed areas of the site. The number of samples to be collected and analyzed shall be adequate to demonstrate compliance with the "clean closure requirements" in CCR Title 27, §20324(d)."

C. Add REPORTING REQUIREMENTS E.13, E.14 and E.15 as follows:

"E.13 Construction Quality Assurance (CQA) Report for the Alpine II Burn Dump

The Discharger shall provide the Regional Board with a final Construction Quality Assurance (CQA) Report, including information required in California Code of Regulations Title 27, §20324(d):

- a. Daily summary reports pursuant to CCR Title 27, §20324(d)(1)(A).
- b. Acceptance reports pursuant to CCR Title 27, §20324(d)(1)(B).
- c. Final documentation pursuant to CCR Title 27, §20324(d)(1)(C).
- d. A tabulation of confirmation sampling results for clean closed portions of the burn-ash waste site. A written technical evaluation and interpretation of those confirmation sampling results.
- e. The final CQA Report shall be provided to the Regional Board within 90days after the completion of field work identified in the corrective action work plan. "
- "E.14 The Discharger shall notify the Regional Board within 48 hours after completing field work, pursuant to the Corrective Action work plan, for consolidation of burn ash wastes at the Alpine II Burn Dump."
- "E.15 The Discharger shall notify the Regional Board within 10 working days after completing field work, pursuant to the Corrective Action work plan, for construction of the landfill cover for burn ash wastes at the Alpine II Burn Dump."

I, John H. Robertus, Regional Board, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Diego Region, on August 8, 2007.

TENTATIVE

JOHN H. ROBERTUS Executive Officer