



SECTION I

POST CLOSURE LAND USE PLAN

**CSA 70 D-1 LAKE ARROWHEAD
MacKay PARK
PICKLEBALL COURTS PROJECT**

FOR

**COUNTY SERVICE AREA 70 D-1 MacKay PARK
LAKE ARROWHEAD, CALIFORNIA**



POSTCLOSURE LAND USE PLAN
MacKay Park Pickleball Courts
CSA 70 D-1 MacKay Park

Prepared by:
San Bernardino County
Department of Public Works – Special Districts
222 W. Hospitality Lane, Second Floor
San Bernardino, CA 92415
(909) 386-8800

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INTRODUCTION

MacKay Park (Park) is located at 321 Rouse Ranch Road, Lake Arrowhead, CA 92352 (APN: 0330-011-46) and is owned by San Bernardino County Department of Public Works – Special Districts, County Service Area 70 D-1 (District). The park is located adjacent to the unpermitted Papoose Lake landfill, (SWIS #36-CR-0058) that was investigated and classified by the California Integrated Waste Management Board (CIWMB; now CALRECYCLE). This Post Closure Land Use Plan pertains to the proposed pickleball courts shown on attached Exhibit “A”, also known as the Mackay Pickleball Court Project (Project).

1. PROJECT DESCRIPTION (27 CCR 21190 (a-c))

The District property served as a community landfill from the 1950’s until the mid-1970’s and a borrow area and green waste/stump dump during the construction of the new Lake Arrowhead Dam. The site was later used for staging and wood processing of Bark Beetle infested trees that had been felled, removed and processed under a County Emergency proclamation. The exact boundaries of the disposal are unknown; however, this disposal site was pre-January 1, 1988 (pre-regulation). The goals of the District are to comply with those regulations wherever practical or feasible.

The District has prepared plans to build two (2) pickleball courts adjacent to and westerly of the existing three (3) pickleball courts and three (3) more pickleball courts south of the existing restrooms in place of the existing volleyball court. The new courts will be placed above the compromised dirt. The Project will be taking what was once a permeable surface and containing 90% of it with concrete courts and cobble drainage swales to mitigate water coming onto the site. This will further alleviate any aggravation or disturbance to any covered soil underneath.

This Post Closure Land Use Plan only pertains to the Project site and not to the entire disposal site and will ensure that the Project is consistent with current ideas and does not preclude any future closure plans. There is one (1) gas monitor on the site.

The plan and conditions for the ongoing maintenance are included with this report and will only apply to the Project site. Our objective is to comply with the goals of Section 21190 of Title 27 CCR where feasible and/or practical.

1.1 Regulatory Requirements

This maintenance plan for our pre-regulation disposal site has been developed to comply with and meet the goals of Title 27 CCR 21190 regulations where feasible and/or practical.

- CEQA: Review for compliance with the California Environmental Quality Act (CEQA) was conducted. It was determined that the activities are not considered a “project” as defined

insection 15378 of CEQA Guidelines and no further environmental analysis is necessary. Also, activities are categorically exempt from CEQA review pursuant to Section 15303 New Construction or Section 15311 Accessory Structures and will not have a significant effect on the environment.

- AQMD: Except otherwise exempt by Rule 1150c, a Rule 1150 Excavation Permit is required for all excavation activities involving a landfill.
- Project Layout: (27 CCR 21190 (a-c)) Constructing pickleball courts over capped clean fill dirt of various depths without disturbing any native compromised soil. Six-inch concrete pickleball courts will be constructed over compacted clean fill dirt, and we will be mitigating water runoff with cobble drainage swales that lead to a drainage structure. Monthly logbooks will be kept for monitoring environmental changes. Pre and post storm reports will also describe if there is any erosion control or drainage issues that need to be addressed.
- Environmental Monitoring and Control Systems: (27 CCR 21190 (a), (d)) the proposed courts have no environmental monitoring or control system.
- Structures: (27 CCR 21190 (c-g)) No structures will be built on the proposed pickleball courts.
Pilings: (27 CCR 21190 (e) (6-7)) Any posts, e.g. fence, fire lane signs, monument signs will be placed in no less than 6-inches of clean fill dirt above existing disposal site.
- Modification or Replacement of low permeability layer: (27 CCR 21190 (d)) This site is not required to have a low permeability layer.
- Land Use on Final Cover: (27 CCR 21190 (a-c)) Land use plan was reviewed by Solid Waste Management Division (SWMD) and the Local Enforcement Agency (LEA). Notice of potential settling was presented.

2. RESPONSIBLE PARTIES FOR MAINTENANCE

2.1 Responsibilities

Upon completion of construction of the pickleball courts, the District will ensure that the courts and landscaping areas are kept and maintained to their original integrity. The District will complete inspections every 30 days to be kept in a logbook available for quarterly inspections. The District will also perform inspections pre and post storms to check for possible storm damage. The District will use Post closure checklist form provided (See Post Closure Land Use Maintenance Checklist / Incident Location Map). Any notated incidents will be repaired within 30 days. In the case of a mitigation spanning over 30 days the District will provide proper time schedule and incident report to our contacts at the Local Enforcement Agency (LEA) for CalRecycle and the San Bernardino County, Solid Waste Management Division (SWMD).

The District will be responsible for maintenance and inspection activities for the construction of the pickleball courts piles and footing related to their impacts to the disposal site.

- A SWPPP (Storm Water Pollution Prevention Plan) along with BMP (Best Management

Practices) will be in place during grading and construction to minimize any water runoff pre and post construction.

2.2 Inspection Responsibilities and Frequencies

- The pickleball Courts will be monitored monthly and any repairs or erosion due to rains will be made quickly and will return to original condition as per plans (See Exhibit A).
- Area to be kept clean and clear of trash and debris.
- Area to be completely accessible to County staff for inspections.
- The District understands that pickleball courts on a disposal site may be subject to differential settlement and if it occurs, it will be our responsibility to repair.
- Pre and post storm inspections will be performed on the same checklist provided below. (Please see Post Closure Land Use Maintenance Checklist and Incident Location Map)
- The District has one (1) gas monitoring well on property and egress to not disturb any remaining gas monitors on remainder of County disposal site during or post construction.
- This Post closure Land Use Plan is specifically written for only for the pickleball courts and associated landscaping.

General phone numbers and addresses for parties involved:

San Bernardino County – Special Districts Division
222 W. Hospitality Lane, Second Floor
San Bernardino, CA 92415 Phone:
(909) 386-8800 M-F 8am-5pm
Contact: Recreation Superintendent -Aaron Speer

Local Enforcement Agency
San Bernardino County
Division of Environmental Health Services
385 N. Arrowhead Avenue, Second Floor
San Bernardino, CA 92415
Phone: (800) 442-2283

3. WASTE MANAGEMENT PLAN

3.1 Introduction

The purpose of the Waste Management Plan (WMP) is to discuss the procedures for the unlikely event that waste is encountered during excavation or construction of the pickleball courts. However, the exact boundaries of the disposal are unknown.

3.2 Preparedness Plan

If waste is encountered during any facet of the work including excavation, construction, or cover operation, the Contractor will immediately cease all construction. The District and LEA will be notified, and the area secured to not allow any access to the area depending on the type of waste, it will be removed to the satisfaction of LEA by a Contractor licensed to perform such removal and disposal operation. After the removal is completed and inspected, the construction can resume.

3.3 Waste Types

Based on the Final Site Investigation Report, Papoose Lake Disposal Site prepared by CIWMB dated April 2002, the following types of wastes may be encountered during Project activities:

- Green Waste
- Burn Ash
- Non-Native sandy fill material

3.4 Segregation and Stockpiling

Should potentially contaminated or hazardous materials be encountered during Project activities, the Contractor shall notify the LEA for assistance with segregation prior to continuing further excavation activities in that area. The Contractor shall coordinate with the LEA to identify and segregate into temporary stockpiles, the following types of materials, which may be encountered during the Project:

- Green Waste
- Burn Ash
- Non-Native sandy fill material

The Contractor will excavate, load, and transport the excavated materials to pre-determined, on-site stockpile staging areas. The staging area and the stockpiles will be managed by the Contractor in accordance with project specifications, this document and Best Management Practices. The stockpiles shall be constructed and managed to minimize the threat of release of materials or contaminants from the stockpile. The stockpiling shall be performed in accordance with current SAM Manual guidelines and RWQCB regulations regarding the management of temporarily stockpiled materials. Contaminated substances, hazardous substances, and/or hazardous wastes shall not be stockpiled for more than 90 days from the date of starting the stockpile.

In general, the stockpiled materials will be:

- placed onto a relatively impervious surface, such as asphaltic concrete, concrete, or on an 8-mil or thicker high-density polyethylene (HDPE) liner,
- moistened to minimize dust emissions during stockpiling, as necessary,
- securely covered with an 8-mil or thicker HDPE liner to minimize vapor emissions and prevent runoff from rain,

- configured in such a manner that surface water runoff from the stockpile does not carry stockpile material and/or leachate beyond the stockpile perimeter berm, and
- physically labeled in such a way as the type of waste can be easily identified.

3.5 Waste Management

Stockpiled material will be disposed of at the nearest San Bernardino County solid waste disposal site, Mid-Valley Landfill. The disposal will be made to all requirements and at the direction of the LEA.

3.6 Inspections

As applicable, the Contractor will conduct inspections of the stockpiled materials. The inspection results will be recorded on a daily inspection form and signed daily by the Site Superintendent. The following waste management inspection activities will be performed: formal inspections of accumulation areas will be conducted and documented weekly, in accordance with 40 CFR 264 Subpart I and Title 22 CCR Section 66264;

material accumulation areas will be informally inspected on a daily basis; and material stockpiles will be inspected daily to ensure liners are in-place, the stockpiles are adequately covered, and the covers are sufficiently secured.

3.7 Documentation

Documentation requirements will apply to all materials managed during the Project. The Contractor will be responsible for recording waste generation activities in a daily log. The following information will be recorded in the log:
description of waste generating activities,

locations of waste generation (including depth, if applicable), types and volumes of wastes generated, date and time wastes were generated, an estimate of the volume of material in each stockpile,

- a plot plan identifying the stockpile locations and types of materials,
- an accounting of the materials transported and disposed offsite, including the name and location of the disposal facility, manifest/bill of lading number, date transported from the site, date received at disposal facility, waste type, and weight tickets.

Following completion of waste disposal, the Contractor will submit a report summarizing compliance with the Waste Management Plan. The report will include documentation regarding the volumes and types of waste generated and disposed during implementation of the Project.

3.8 Updating the Waste Management Plan

As necessary, the WMP will be updated as changes in remedial site activities or changes in applicable regulations occur.

POSTCLOSURE LAND USE MAINTENANCE CHECKLIST AND INCIDENT LOCATIO

Date of Inspector: _____ **Name:** _____ **Site:** CSA 70 D-1 MacKay Park

A. PERIMETER STATION

		Map Symbols			
Odors	O	None	<input type="checkbox"/>	Present	<input type="checkbox"/>
Erosion	E	None	<input type="checkbox"/>	Rilling(1)	<input type="checkbox"/>
Illegal Dumping	ID	None	<input type="checkbox"/>	Present	<input type="checkbox"/>
Fence Repair	FR	None	<input type="checkbox"/>	Present	<input type="checkbox"/>
Erosion/BMP	E	None	<input type="checkbox"/>	Present	<input type="checkbox"/>
				Rivuleted Slopes(2)	<input type="checkbox"/>
				Scour(3)	<input type="checkbox"/>
				Weight	<input type="checkbox"/>
				Location	see map on reverse
				Location	see map on reverse

B. Landrill Surfaces

Odors	O	None	<input type="checkbox"/>	Staining	<input type="checkbox"/>	Location	see map on reverse
Exposed Refuse	ER	None	<input type="checkbox"/>	Present	<input type="checkbox"/>		see map on reverse
Erosion/BMP Repair	E	None	<input type="checkbox"/>	Present	<input type="checkbox"/>	Rivuleted Slopes(2)	<input type="checkbox"/>
Differential Settlement	DS	None	<input type="checkbox"/>	Rilling	<input type="checkbox"/>	Scour(3)	<input type="checkbox"/>
Vegetation Clean Up	V	None	<input type="checkbox"/>	Present	<input type="checkbox"/>	Location	see map on reverse
Drainage system Repair/Clean Up	DR	None	<input type="checkbox"/>	Present	<input type="checkbox"/>	Location	see map on reverse
Cover Integrity	CI	None	<input type="checkbox"/>	Issue	<input type="checkbox"/>	Location	see map on reverse
Grading	G	None	<input type="checkbox"/>	Insufficient	<input type="checkbox"/>	Location	see map on reverse
Slope	S	None	<input type="checkbox"/>	Insufficient	<input type="checkbox"/>	Location	see map on reverse
Roads/Benches	RD	None	<input type="checkbox"/>	Issue	<input type="checkbox"/>	Location	see map on reverse

Note Locations on Map Using Symbols

General Comments: _____

Action To Be Taken: _____

Dimensions of Erosion: _____

- (1) Rilling is minor erosion that can be repaired by track-walking the impacted area without placement of additional cover.
- (2) Rivuleted Slopes are moderate erosions that can be repaired by addition of clean fill in conjunction with track-walking.
- (3) Scour is major erosion that may extend to the depth of refuse and requires substantial efforts to repair; including, but not limited to addition of clean cover and extended use of heavy machinery.

EXHIBIT "A"

