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| Environmental Standard Operating Procedure (ESOP) | |
| Landfill Operations (LOP) | |
| Environmental Affairs (EA): P2 Manager (760) 830-8361 | Revised: 1 October 2024 |

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References: (a) Integrated Contingency and Operations Plan
 (b) California Code of Regulations, Title 14
 (c) California Code of Regulations, Title 27
 (d) Joint Technical Document (JTD)

1. Purpose. This document provides environmental protection guidelines for landfill operations.
2. Application. This guidance applies to personnel that operate and oversee landfill operations, aboard the Marine Air Ground Task Force Training Command (MAGTFTC), Marine Corps Air Ground Combat Center (MCAGCC) Twentynine Palms. For further references to MAGTFTC, MCAGCC in this document, the term "installation" will be used.
3. Procedures. The installation landfill no. 2 is a permitted class III federally owned and operated nonhazardous municipal solid waste disposal facility operated by the Public Works Department with environmental oversight from Environmental Affairs (EA). Proper landfill operational practices are essential to minimize impacts to human health and the environment. To ensure compliance with the applicable federal, state, and local regulations, the guidance in this ESOP must be followed to prevent regulatory action.
4. Operational Controls. The following controls apply:
 - a. Landfill personnel-provided instructions must be followed at all times.
 - b. Logbooks and records must be maintained and recorded in accordance with the JTD.
 - c. All landfill operations will be in accordance with the JTD and applicable landfill regulations.
 - d. All vehicles must be weighed before entering the landfill and again before exiting the facility.
 - e. Notify the scale house operator of the contents of the load being disposed of.
 - f. Disposal of high liquid content wastes (such as wastes containing greater than 50 percent water by weight) is prohibited.
 - g. Disposal of hazardous material and hazardous waste is prohibited.

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- h. Disposal of munitions or material presenting potential of an explosive hazard (such as an ordnance or range residue) is prohibited.
 - i. Disposal of pressurized containers (such as aerosol cans or propane tanks) is prohibited.
 - j. Unused Meals Ready to Eat heaters may react with water and create a fire hazard and must be deactivated before disposal as nonhazardous solid waste.
 - k. Special wastes such as grease trap pumping, large dead animals (over 75 pounds), septic tank pumping, cannery wastes, infectious medical wastes, non-altered tires, and industrial process sludge are not accepted.
 - l. Sealed containers of any type are not accepted.
 - m. Waste materials that have any identifiable salvage value, such as car bodies, clothes dryers and washing machines, freezers, oil/fuel drums, refrigerators, stoves, televisions, whole tires, or water heaters is prohibited.
 - n. Asbestos (friable or nonfriable), metallic discards, and wastes containing burning and smoldering materials are not accepted.
 - o. All excluded wastes containing potentially hazardous materials are turned over to the Hazardous Waste Management Branch. Nonhazardous excluded wastes are turned over to the Qualified Recycling Program.
 - p. If prohibited wastes are found during load checking or in the waste stream, operations must be stopped until the wastes can be identified and removed for proper disposal.
 - q. Daily cover soils must be at a minimum of 6 inches and the intermediate cover areas must be at a minimum of 12 inches.
 - r. Semiannual inspections and maintenance of all facility stormwater and drainage systems have been conducted before 1 October. Maintenance will consist of minor regrading, soils and debris removal, and erosion damage and flow line repair. Inspections and maintenance must be documented in the special occurrence logbook.
 - s. If there are specific situations or other concerns not addressed by this procedure, contact EA Resource Conservation and Recovery Act D/I Manager Office via phone at (760) 830-8361.
5. Documentation and Record Keeping. The following records must be maintained:
- a. Training records
 - b. Daily logs and records in accordance with the JTD

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6. Training. All affected personnel must be trained in this document and the following:
 - a. General Environmental Awareness training
 - b. Globally Harmonized System training
 - c. 40-hour Hazardous Waste Operations and Emergency Response course
 - d. Explosive Ordnance Disposal Safety course
7. Emergency Preparedness and Response Procedures. Refer to the spill response procedures listed in the Abatement ESOP and the Integrated Contingency and Operations Plan.
8. Inspection and Corrective Action. The Environmental Compliance Coordinator (ECC) will confirm unit adherence to this ESOP. The ECC will confirm that unit personnel are trained in this ESOP and maintain appropriate documentation in accordance with this ESOP.

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| Landfill Operations - ECC/Unit Inspection Checklist | |
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| Date: | Time: |
| Installation: | Work Center: |
| Inspector Name: | Signature: |

| Inspection Items | Yes | No | Comments |
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| 1. Is the operator complying with terms and conditions of the permit? | | | |
| 2. Are the logbooks/records maintained and recorded in accordance with the Joint Technical Document (JTD)? | | | |
| 3. Are all vehicles being weighed before entering the landfill and again before exiting the facility? | | | |
| 4. Is there any presence of high liquid content wastes (such as wastes containing greater than 50 percent water by weight) inside or near the active working face)? | | | |
| 5. Is there any presence of hazardous material and waste inside or near the active working face? | | | |
| 6. Is there any presence of munitions or material presenting potential of an explosive hazard (such as ordnance or range residue) inside or near the active working face? | | | |
| 7. Is there any presence of pressurized containers (such as aerosol cans or propane tanks) inside or near the active working face? | | | |
| 8. Is there any presence of unused Meals Ready to Eat (MRE) heaters inside or near the active working face? | | | |
| 9. Are any special wastes being deposited of (such as grease trap pumpings, large dead animals [over 75 pounds], septic tank pumpings, cannery wastes, infectious medical wastes, nonaltered tires, or industrial processed sludge)? | | | |
| 10. Are sealed containers of any type being accepted and disposed of? | | | |

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| 11. Is there any presence of waste materials that have any identifiable salvage value, such as car bodies, clothes dryers/washing machines, freezers, oil/fuel drums, refrigerators, stoves, televisions, whole tires, or water heaters inside or near the active working face? | | | |
| 12. Is there any presence of asbestos (friable or nonfriable), metallic discards, or waste containing burning/smoldering materials inside or near the active working face? | | | |
| 13. Is vector and bird control maintained? | | | |
| 14. Are landfill personnel conducting daily perimeter checks of the fence line with proper vector control? | | | |
| 15. Is the daily cover soil being applied at a minimum of 6 inches? | | | |
| 16. Are all intermediate cover areas at a minimum of 12 inches? NOTE: Intermediate | | | |
| 17. Does the landfill staff have proper emergency response equipment to include the following? a. Fire extinguisher b. Spill kit c. Phone or radio d. Portable eyewash or eyewash station | | | |
| 18. In accordance with the JTD, have the applicable personnel received and maintained the appropriate level of training as it applies to landfill operations? | | | |
| 19. Are training records maintained and available for inspection? | | | |
| 20. In accordance with the JTD, is the required dedicated landfill equipment operational and onsite? | | | |
| 21. Are the exterior slopes maintained to prevent signs of erosion? | | | |

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| 22. Has grading or tracking been performed to prevent ponding or pooling of water? | | | |
| 23. Has the facility conducted the required semiannual inspection and maintenance of all stormwater/drainage systems before 1 October? | | | |
| 24. Is proper drainage and erosion control used? | | | |
| 25. Is fugitive dust control maintained? | | | |
| 26. Is site security provided and maintained? | | | |

Additional Comments:

Corrective Action Taken:

Unit Inspector:

Name: _____

Signature: _____