



**California Environmental Protection Agency  
Department of Toxic Substances Control  
DRAFT  
HAZARDOUS WASTE POST CLOSURE FACILITY PERMIT**

Facility Name:  
Acme Landfill  
950 Waterbird Way  
Martinez, California 94553

Owner Name:  
Acme Fill Corporation  
950 Waterbird Way  
Martinez, California 94553

Operator Name:  
Acme Fill Corporation  
950 Waterbird Way  
Martinez, California 94553

Facility EPA ID Number:  
CAD 041835695

Effective Date:

Expiration Date:

Pursuant to California Health and Safety Code section 25200, this Resource Conservation and Recovery Act (RCRA)-equivalent Hazardous Waste Post Closure Facility Permit (Permit) is hereby issued to: Acme Fill Corporation.

The issuance of this Permit is subject to the terms and conditions set forth in the Approved Application dated February 2013. The Permit consists of 21 pages.

---

Edward Nieto, P.E.  
Office of Permitting  
Department of Toxic Substances Control

Date:

**Hazardous Waste Post Closure Permit  
Acme Fill Corporation  
Martinez, California  
EPA ID NO. CAD 041835695**

**HAZARDOUS WASTE POST CLOSURE FACILITY PERMIT**

**TABLE OF CONTENTS**

PART I. DEFINITIONS .....	2
PART II. DESCRIPTION OF THE FACILITY AND OWNERSHIP .....	3
1. OWNER OF FACILITY .....	3
2. OWNER OF REAL PROPERTY .....	3
3. OPERATOR OF FACILITY .....	3
4. LOCATION .....	3
5. DESCRIPTION OF FACILITY OPERATIONS .....	3
6. FACILITY HISTORY .....	4
7. FACILITY SIZE AND TYPE FOR FEE PURPOSES .....	4
PART III. GENERAL CONDITIONS .....	5
1. PERMIT APPLICATION DOCUMENTS .....	5
2. EFFECT OF PERMIT .....	5
3. COMPLIANCE WITH CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) .....	6
4. ENVIRONMENTAL MONITORING .....	6
5. ANNUAL HAZARDOUS WASTE REDUCTION AND MINIMIZATION CERTIFICATION .....	7
6. ACCESS .....	7
PART IV. PERMITTED UNITS AND ACTIVITIES .....	9
PART V. SPECIAL CONDITIONS .....	12
PART VI. CORRECTIVE ACTION .....	17
Attachment A, Acme Fill Corporation, Location and Landfill Map .....	19
Attachment B, Summary of Groundwater Sampling and Analysis Frequencies .....	20-21

## **PART I. DEFINITIONS**

All terms used in this Permit shall have the same meaning as those terms have in the California Health and Safety Code, division 20, chapter 6.5 and California Code of Regulations, title 22, division 4.5, unless expressly provided otherwise by this Permit.

1. "DTSC" as used in this Permit means the California Department of Toxic Substances Control.
2. "Facility" as used in this Permit means all contiguous land and structures, other appurtenances, and improvements on the land used for the treatment, transfer, storage resource recovery, disposal, or recycling of hazardous waste. A hazardous waste facility may consist of one or more treatment, transfer, storage, resource recovery, disposal or recycling operational units or combinations of these units. The name of the Facility is Acme Landfill hereafter referred to as "Facility".

For the purpose of implementing corrective action under California Code of Regulations, title 22, division 4.5, a hazardous waste facility includes all contiguous property under the control of the owner or operator required to implement corrective action.

3. "Permittee" as used in this Permit means the Owner and Operator.
4. "RCRA" as used in this Permit means the Resource Conservation and Recovery Act (42 U.S.C. §6901 et seq.).

## **PART II. DESCRIPTION OF THE FACILITY AND OWNERSHIP**

### 1. Owner of Facility

The Facility is owned by Acme Fill Corporation located at 950 Waterbird Way, Martinez, California, 94553.

### 2. Owner of Real Property

The real property occupied by the Facility is owned by Acme Fill Corporation located at 950 Waterbird Way, Martinez, California, 94553.

### 3. Operator of Facility

The Facility operator is Acme Fill Corporation located at 950 Waterbird Way, Martinez, California, 94553.

### 4. Location

The Facility is a closed landfill which is located about three miles northeast of the town of Martinez, California, in mudflats and marsh deposits bordering Suisun Bay. The toll plaza for Interstate 680, Martinez Bridge is located approximately 1 mile west of the Facility (see Attachment A).

### 5. Description of Facility Operations

The Facility consists of the North Parcel which occupies 135 acres and is a closed Class I Landfill. This Permit is for the North Parcel also known as North Parcel Landfill. Other operations around the Facility include an East Parcel which is an active Class II landfill covering about 87 acres, and a South Parcel which is an inactive or closed Class III landfill covering about 22 acres.

This is the initial Hazardous Waste Post Closure Permit since the closure of the North Parcel. The North Parcel includes the following hazardous waste management units:

- A capped, closed Class I Hazardous Waste Landfill
- The Leachate extraction, collection, and conveyance system, and the Leachate Treatment Plant (LTP).

Existing features on or near the units include access roads, scale house, administrative and engineering offices, landfill operation offices, and site security

and storage structures (specific structures located on the landfill cap are identified in the Approved Application).

Activities on the North Parcel include leachate collection and treatment; landfill gas collection; and post closure monitoring and maintenance. Existing environmental control systems include groundwater and leachate monitoring wells, leachate extraction sumps and wells, a perimeter leachate barrier, the leachate treatment plant, and the landfill gas collection system. The inactive parcel has been covered with a variable amount of interim soil cover.

## 6. Facility History

Operations at the Facility began in the early 1950s where waste was collected and disposed of in the North Parcel area. Initially, waste was placed on ground surfaces, burned, and then covered with additional waste that was also burned. In the late 1950s, the waste was compacted and occasionally covered with soil. By 1981, a mandatory soil cover of a minimum of 6 inches was placed over the waste, or working surface. The North Parcel had been used to dispose of municipal solid waste and some hazardous waste. The Facility stopped accepting RCRA hazardous waste in 1984, California hazardous wastes in 1987 and California designated waste in 1989.

After the construction of the cover was completed, the Facility prepared a Final Closure Construction Report, certifying closure in March 1999. DTSC approved the Final Closure Construction Report on June 23, 1999. After closure certification, the Facility continued to implement the approved post closure plan conditions under Interim Status. Post closure maintenance activities are reimbursed from a maintenance insurance policy. Post Closure Reimbursement costs are submitted to DTSC for review and approval quarterly.

## 7. Facility Size and Type for Fee Purposes

The Facility is categorized as a large Post Closure Facility pursuant to Health and Safety Code section 25205.7(d)(5). For the purpose of Health and Safety Code section 25205.4, the Post Closure period for the Facility started in June 1999.

### **PART III. GENERAL CONDITIONS**

#### 1. **PERMIT APPLICATION DOCUMENTS**

The DTSC-approved Post Closure Permit Application, Part A and Part B, dated February 2013 (Approved Application) is hereby made a part of this Permit by reference. The Groundwater Monitoring Plan (GMP) and the Sampling and Analysis Plan (SAP) dated February 2013 are included in Volume II of the Approved Application.

#### 2. **EFFECT OF PERMIT**

- (a) The Permittee shall comply with the terms and conditions of this Permit and the provisions of the Health and Safety Code and California Code of Regulations (Cal. Code Regs.), title 22, division 4.5. The issuance of this Permit by DTSC does not release the Permittee from any liability or duty imposed by federal or state statutes or regulations or local ordinances, except the obligation to obtain this Permit. The Permittee shall obtain the permits required by other governmental agencies, including but not limited to, those required by the applicable land use planning, zoning, hazardous waste, air quality, water quality, and solid waste management laws for the construction and/or operation of the Facility.
- (b) The Permittee is permitted to operate, monitor, and maintain this Facility for post closure activities in accordance with the terms and conditions of this Permit and the Approved Application. Any management of hazardous wastes not specifically authorized in this Permit is strictly prohibited.
- (c) Compliance with the terms and conditions of this Permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment, including, but not limited to, one brought for any imminent and substantial endangerment to human health or the environment.
- (d) DTSC's issuance of this Permit does not prevent DTSC from adopting or amending regulations that impose additional or more stringent requirements than those in existence at the time this Permit is issued and does not prevent the enforcement of these requirements against the Permittee.
- (e) Failure to comply with any term or condition set forth in this Permit in the time or manner specified herein is grounds for revocation of this Permit

(Cal. Code Regs., title 22, §66270.43), and will subject the Permittee to enforcement action and penalties pursuant to Health and Safety Code sections 25187 and 25189.2(b).

- (f) Failure to submit any information or document required in connection with the Permit, or falsification or misrepresentation of any submitted information or document is grounds for revocation of this Permit (Cal. Code Regs., title 22, §66270.43), and will subject the Permittee to enforcement action and penalties pursuant to Health and Safety Code sections 25187 and 25189.2(a).
- (g) In case of conflicts between the Approved Application and the Permit, the Permit conditions take precedence.
- (h) This Permit includes and incorporates by reference any conditions of WDRs issued to the Facility by the State Water Resources Control Board or any of the California Regional Water Quality Control Boards and any conditions imposed pursuant to section 13227 of the Water Code.

3. COMPLIANCE WITH CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

A Notice of Exemption has been prepared in accordance with the requirements of Public Resources Code section 21000 et seq. and the CEQA Guidelines Section 15061(b)(3) of California Code of Regulations, title 14.

4. ENVIRONMENTAL MONITORING

The Permittee shall comply with the applicable environmental monitoring and response program requirements of California Code of Regulations, title 22, division 4.5, chapter 14, articles 6 and 17.

- a) For the purpose of California Code of Regulations, title 22, section 66264.91(b), the elements of the Groundwater Monitoring and Response Program for the Facility are those described in Volume II of the Approved Application.
- b) For the purpose of California Code of Regulations, title 22, section 66264.92, the Water Quality Protection Standard is described in Volume II of the Approved Application.

- c) For the purpose of California Code of Regulations, title 22, section 66264.93, the Constituents of Concern (COCs) for the Facility are described in Volume II of the Approved Application.
- d) For the purpose of California Code of Regulations, title 22, section 66264.94, the Concentration Limits for the Facility are in Volume II of the Approved Application.
- e) For the purpose of California Code of Regulations, title 22, section 66264.95, the Monitoring Points and Points of Compliance for each authorized unit at the Facility are described in Volume II of the Approved Application.
- f) For the purpose of California Code of Regulations, title 22, section 66264.96 the Compliance Period for each authorized unit at the Facility is 30 years. DTSC may extend the Post Closure monitoring period beyond 30 years to protect human health and the environment.
- g) For the purpose of California Code of Regulations, title 22, section 66270.31, the monitoring, recording, and reporting program for the Facility is described in Volume II of the Approved Application.

5. ACCESS

- a) DTSC, its contractors, employees, agents, and/or any United States Environmental Protection Agency representatives are authorized to enter and freely move about the Facility for the purposes of interviewing Facility personnel and contractors; inspecting records, operating logs, and contracts relating to the Facility; reviewing progress of the Permittee in carrying out the terms of Part VI of the Permit; conducting such testing, sampling, or monitoring as DTSC deems necessary; using a camera, sound recording, or other documentary-type equipment; verifying the reports and data submitted to DTSC by the Permittee; or confirming any other aspect of compliance with this Permit, Health and Safety Code, division 20, chapter 6.5, and California Code of Regulations, title 22, division 4.5. The Permittee shall provide DTSC and its representatives access at all reasonable times to the Facility and any other property to which access is required for implementation of any provision of this Permit, Health and Safety Code, division 20, chapter 6.5, and California Code of Regulations, title 22, division 4.5, and shall allow such persons to inspect and copy all records, files, photographs, documents, including all sampling and monitoring data, that pertain to work undertaken pursuant to

the entire Permit or undertake any other activity necessary to determine compliance with applicable requirements.

- (b) Nothing in this Permit shall limit or otherwise affect DTSC's right to access and entry pursuant to any applicable State or federal laws and regulations.

#### **PART IV. PERMITTED UNITS AND ACTIVITIES**

This Permit authorizes the operation, monitoring and maintenance only of the Facility units and activities listed below. The Permittee shall not treat, store or otherwise manage hazardous waste in any unit other than those specified in this Part IV. Any modifications to a unit or activity authorized by this Permit require the written approval of DTSC in accordance with the permit modification procedures set forth in California Code of Regulations, title 22, division 4.5.

For the purpose of California Code of Regulations, title 22, section 66270.1(c) and other similar, unit-specific regulatory requirements, this Facility has two Hazardous Waste Management Units. These units are described in detail in the Approved Application and are as follows:

##### **UNIT NAME:**

The unit name is the North Parcel Landfill (a.k.a. in DTSC EnviroStor as "NRTHPARCL1") This unit is the closed hazardous waste landfill located in the North Parcel and includes appurtenances associated with the landfill such as leachate treatment conveyance piping leading to the LTP.

##### **LOCATION:**

The North Parcel Landfill is located in the west portion of the Facility as shown in the figure in Attachment A.

##### **ACTIVITY TYPE AND DESCRIPTION:**

The North Parcel Landfill consists of a hazardous waste landfill cover, perimeter drain, and a subsurface bay mud barrier. The North Parcel is inactive. However, numerous extraction wells are installed to extract liquids from within the bay mud barrier of the North Parcel. The liquids are pumped through a network of conveyance pipes to the LTP for treatment. In addition, numerous monitoring wells and data gathering points inside and outside of the bay mud barrier are used to gather liquid levels and water quality data to continually assess the efficiency of the network of liquid extraction wells (also known as the Liquid Extraction System).

##### **WASTE TYPES:**

Hazardous wastes placed in North Parcel Landfill included methylene chloride, trichloroethane, trichloroethane, tetrahydrofuran, acetone, alkaline sludge, sand blast

waste, and catalyst fines. These hazardous wastes remain covered by an engineered cap and the leachate and surrounding groundwater are monitored.

MAXIMUM CAPACITY:

The North Parcel contains an estimated 11 million cubic yards of refuse and cover material. Of the refuse portion, approximately 9,600 tons of solid and 2,670 gallons of liquid hazardous waste are present in the landfill. The North Parcel is approximately 85 feet in height above mean sea level. The base of the landfill varies from several feet above sea level near the perimeter of the parcel to about -15 feet MSL beneath the center of the parcel.

AIR EMISSION STANDARDS:

The Major Facility Review Permit issued by the Bay Area Air Quality Management District (BAAQMD) dated April 17, 2003, and subsequent BAAQMD permits describe requirements for landfill gas extraction and processing.

UNIT NAME:

The unit name is Leachate Treatment Plant. This unit is authorized for operation and inspection under a Permit by Rule (PBR; permitted by Contra Costa County Health Services, Hazardous Material Programs Certified Unified Program Agency).

LOCATION:

The Leachate Treatment Plant is located west of the North Parcel as shown in Attachment A.

ACTIVITY TYPE AND DESCRIPTION:

The LTP receives liquids from the North Parcel, treats the liquids by removing the contaminants to levels allowed by the Central Contra Costa Sanitary District (CCCSD), under the PBR and discharges to the CCCSD plant through an effluent line located along the west boundary of the North Parcel. The by-product of this treatment is filter-cake which is a hazardous waste.

WASTE TYPES:

Hazardous wastes generated at the Facility include liquids or leachate extracted from the North Parcel Landfill which is treated in the LTP. These liquids are defined as waste code F039 in the Part A Application of the Approved Application and in the PBR for the

LTP. The resultant by-product of the treatment is sludge or filter-cake which is accumulated and disposed under manifest as a RCRA hazardous waste at a permitted hazardous waste disposal facility.

**MAXIMUM CAPACITY:**

Treated leachate generated at the LTP is discharged to the CCCSD sanitary sewer under a CCCSD Permit with the Facility effective date November 1, 2011. This permit allows a daily maximum effluent discharge of 40,000 gallons per day not to exceed 35 gallons per minute.

The maximum capacity of the LTP to process liquid leachate generated from the extraction system ranges from 25 to 50 gallons per minute. The maximum solids or filter-cake generated from the treatment process is approximately 40 tons per year.

## **PART V. SPECIAL CONDITIONS**

### 1. HAZARDOUS WASTE ALLOWED ON-SITE

The Permittee shall not manage any hazardous wastes other than the hazardous wastes described in this Permit.

### 2. POST CLOSURE CARE

The Permittee must comply with Post Closure Care requirements in accordance with California Code of Regulations, title 22, chapter 14.

### 3. PERMIT BY RULE

The Permittee must include a copy of the current PBR in the Permit Application.

### 4. WASTE DISCHARGE REQUIREMENTS

The Permittee shall comply with Waste Discharge Requirements Order No. 96-161 adopted on April 2001 by the Regional Water Quality Control Board (RWQCB) and subsequent amendments.

### 5. LAND USE COVENANT

Pursuant to Civil Code section 1471(c), DTSC has determined that a covenant of land use is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on land of hazardous materials as defined in Health and Safety Code section 25260. The Permittee and DTSC shall sign and record a covenant to restrict use of property within six months of issuance of this permit.

The Permittee shall comply with the requirements and restrictions of the Land Use Covenant. The Permittee shall reimburse DTSC for its costs incurred in implementing and enforcing the Land Use Covenant, including costs incurred in conducting inspections, preparing inspection reports, and reviewing any Soil Management Plan or Health and Safety Plan as may be required by the Land Use Covenant. The Permittee's payments of DTSC's costs shall be made within 30 days of the date of the billing statement by check payable to the Department of Toxic Substances Control and shall be sent to: Accounting Unit, Department of Toxic Substances Control, P. O. Box 806, Sacramento, California 95812-0806. All checks shall reference the name and address of the Facility.

6. FINANCIAL ASSURANCE AND COMPLIANCE SCHEDULE

- (A) The Permittee must ensure the insurance policy for post closure is a face amount at least equal to the current post closure cost estimate. Permittee must demonstrate compliance with financial assurance requirements of Health and Safety Code section 25245, subdivision (a)(2), and California Code of Regulations, title 22, section 66264.143, no later than one year after the effective date of this Consent Order; and must comply with all other provisions of California Code of Regulations, title 22, chapter 14, article 8 (section 66264.140 et seq.).
- (B) Permittee must provide to DTSC a financial statement of its assets and liabilities annually every June 1. The statement must include a detailed description of Permittee's continuing efforts to secure additional financial assurance mechanisms sufficient to comply with the requirements in paragraphs (A) of this section.
- (C) In the event the compliance schedules identified in sections (A) and (B) of this section are not met and the Permittee has shown no improvement in securing additional financial assurance, DTSC agrees to take the following actions against the Permittee:
1. DTSC agrees to discontinue approval of any further postclosure maintenance activity reimbursements until the financial assurance mechanism for the revised postclosure cost estimate of \$18,534,525 (Cost Estimate from February 2013 revised Post Closure Permit Application) is sufficiently funded.
  2. DTSC agrees to conduct and the Permittee shall cooperate with a financial audit of the Facility to confirm all Permittee assets and liabilities. All income streams, property sales, and assets will be reviewed as viable mechanisms
  3. DTSC reserves the right to issue an enforcement order which will include but not be limited to a cease and desist of Class II Landfill operations, and any other remedies it may have.
- (D) Submittals: All submittals from Permittee pursuant to this section demonstrating compliance must be sent to:

Jenny Aievoli  
Financial Assurance Unit  
Department of Toxic Substances Control  
8800 Cal Center Drive  
Sacramento, California 95826

7. NEW WELL INSTALLATION

The Permittee shall install 10 new wells within six months of issuance of this permit. In addition, the Permittee shall provide DTSC with a report documenting monitoring well completions and well development within eight months of the issuance of this permit. The 10 new monitoring wells are as follows:

Young Bay Mud

PC-2A  
PC-24A  
PC-26A  
PC-27A  
PC-28A  
MW-501A

Older Bay Mud

PC-1BR (replaces PC-1B)  
PC-2B1  
PC-4B1

Bedrock wells

PC-25E

8. SAMPLING OF WELLS MW-107, PC-27A, PC-4C, and PC-5C

MW-107, PC-27A, PC-4C, and PC-5C were not included in the GMP as part of the groundwater sampling monitoring program. MW-107 is an existing monitoring well screened in the Young Bay Mud and is necessary to monitor for known impacts to groundwater northwest of the North Parcel. PC-27A is a proposed well to be screened in the Young Bay Mud and will be necessary to monitor for potential impacts to groundwater along the western boundary of the North Parcel. PC-4C and PC-5C are existing monitoring wells screened in the deeper portion of the Older Alluvium and are necessary to monitor for potential impacts to groundwater north and east of the North Parcel.

The Permittee shall add MW-107, PC-27A, PC-4C and PC-5C to the groundwater sampling program, as shown in Attachment B. The statistical methods used to evaluate analytical data shall be the same statistical methods described in the GMP. The Permittee shall follow the updated sampling program listed in Attachment B.

9. 1,4-DIOXANE

1,4-dioxane is a solvent stabilizer that may have been a component of solvents disposed in the North Parcel. The Permittee shall add 1,4-dioxane to the list of volatile organic compounds (VOCs) in Table 4-1 of the GMP, with the practical quantitation limit as the concentration limit. For the first and second semiannual sampling events performed in accordance with Special Condition 10, if both

VOCs and semi-VOCs will be included in the analyses, both methods shall include 1,4-dioxane.

10. CONSTITUENTS OF CONCERN AND MONITORING PARAMETERS

After installation of new monitoring wells listed in Special Condition 7, the Permittee shall conduct two semiannual sampling events.

During the first semiannual monitoring event, the Permittee shall sample all new and existing North Parcel monitoring wells listed in Attachment B and analyze for the COCs listed in Table 4-1 of the GMP.

During the second semiannual monitoring event, the Permittee shall collect and analyze the following samples from monitoring wells listed in Attachment B:

- a) From new wells, a second set of COCs.
- b) From existing wells with insufficient historical analytical data, a second set of COCs.
- c) From remaining existing wells, the complete list of VOCs listed in Table 4-1 of the GMP. In addition, if anomalous data was obtained for any COC during the first monitoring event from existing wells, the Permittee shall analyze for those COC chemical suites in addition to VOCs.

After the second monitoring event, the Permittee shall propose within 30 days of the end of the reporting period a list of monitoring parameters (MPs) for future sampling events. The list of MPs shall be based on analytical data collected during the first two sampling events and historical data. The MPs shall be a subset of COCs that will be a reliable indication of a release from the regulated unit.

After the first and second semiannual sampling events, and after DTSC approves the list of MPs, the Permittee shall monitor the wells listed in Attachment B for the approved list of MPs for the frequency shown in Attachment B. COCs shall also be monitored in all wells listed in Attachment B once every five years during the postclosure period.

11. WELL ABANDONMENT FOR WPZ-1E

Well WPZ-1E is located inside the bay mud barrier and is screened within the bedrock. WPZ-1E has been used for groundwater elevation measurements but not for sampling. Groundwater levels from well WPZ-1E reflect the piezometric surface of the Younger Bay Mud. Because WPZ-1E may be a conduit for

contaminant migration, the Permittee shall abandon well WPZ-1E by pressure grouting, using methods described in the Operations and Maintenance Plan of the Approved Application. The Permittee shall obtain the appropriate permits from Contra Costa County for abandonment. After abandonment, the landfill cap shall be repaired. The Permittee shall provide DTSC with a report documenting well abandonment and landfill cap repair within six months of issuance of this permit.

12. **REPLACEMENT OF PC-1B**

Special Condition 7 and the GMP state that new well PC-1B(R) will be installed. Acme has indicated that PC-1B(R) will replace PC-1B, which is screened across the Older Bay Mud/Older Alluvium contact and may have a leaky sanitary well seal. Groundwater elevations at PC-1B do not indicate a leaky well seal and contaminant concentrations are increasing in PC-1B. Therefore, PC-1B may be an indicator of contaminant migration into deeper lithologic units and not an artifact of a leaky sanitary well seal. Prior to abandonment and replacement, the Permittee shall verify that PC-1B is no longer representative of the Older Bay Mud/Older Alluvium contact.

13. **INSTALLATION OF LOW-FLOW PUMPS**

The SAP recommends sampling monitoring wells with low-flow sampling pumps. The Permittee shall install low-flow sampling pumps in the wells listed in Attachment B within six months of issuance of this permit. In addition, the Permittee shall provide DTSC with a report documenting pump installations within eight months of the issuance of this permit.

14. **GRADIENT PAIRS**

Table 4-6 of the GMP identifies well groups to evaluate the lateral hydraulic gradient across the slurry wall surrounding the Facility. If the liquid level cannot be measured in any well listed in Table 4-6 of the GMP because the well is damaged or obstructed, the Permittee shall submit a workplan to DTSC within three months that proposes to replace the well or identify an appropriate substitute well.

15. **QUARTERLY GROUNDWATER AND LEACHATE LEVEL MEASUREMENTS**

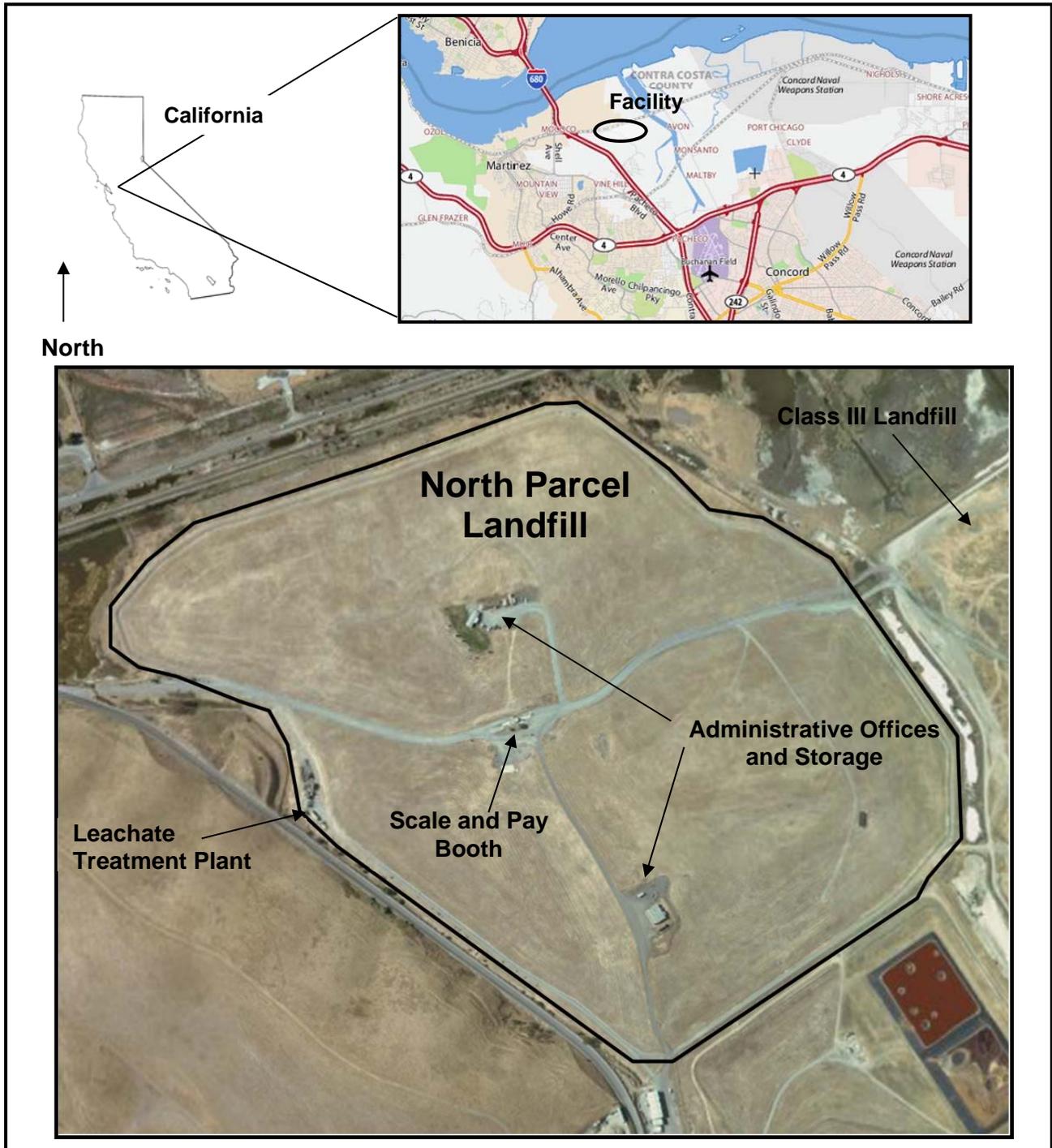
For the gradient well pairs identified in Table 4-6 of the GMP and Special Condition 13, the Permittee shall collect groundwater and leachate level measurements at least quarterly. For remaining North Parcel groundwater and

leachate wells at the Facility identified in Table 4-5 of the SAP, the Permittee shall collect groundwater and leachate level measurements at least semiannually.

### **PART VI - CORRECTIVE ACTION**

1. In the event the Permittee identifies an immediate or potential threat to human health and/or the environment, discovers new releases of hazardous waste and/or hazardous constituents, or discovers new Solid Waste Management Units (SWMUs) not previously identified, the Permittee shall notify DTSC orally within 48 hours of discovery and notify DTSC in writing within 10 days of such discovery summarizing the findings including the immediacy and magnitude of any potential threat to human health and/or the environment.
2. DTSC may require the Permittee to investigate, mitigate, and/or take other applicable action to address any immediate or potential threats to human health and/or the environment and newly identified SWMUs or releases of hazardous waste and/or hazardous constituents. If and when corrective action is required at the Facility, the Permittee shall conduct corrective action under either a Corrective Action Consent Agreement or an Enforcement Order for Corrective Action issued by DTSC pursuant to Health and Safety Code sections 25187 and 25200.10.
3. To the extent that work being performed pursuant to Part VI of the Permit must be done on property not owned or controlled by the Permittee, the Permittee shall use its best efforts to obtain access agreements necessary to complete work required by this Part of the Permit from the present owner(s) of such property within 30 days of approval of any workplan for which access is required. "Best efforts" as used in this paragraph shall include, at a minimum, a certified letter from the Permittee to the present owner(s) of such property requesting access agreement(s) to allow the Permittee and DTSC and its authorized representatives access to such property and the payment of reasonable sums of money in consideration of granting access. The Permittee shall provide DTSC with a copy of any access agreement(s). In the event that agreements for the access are not obtained within 30 days of approval of any workplan for which access is required, or of the date that the need for access becomes known to the Permittee, the Permittee shall notify DTSC in writing within 14 days thereafter regarding both efforts undertaken to obtain access and its failure to obtain such agreements. In the event DTSC obtains access, the Permittee shall undertake approved work on such property. If there is any conflict between this permit condition on access and the access requirements in any agreement entered into between DTSC and the Permittee, this permit condition on access shall govern.

4. Nothing in Part VI of the Permit shall be construed to limit or otherwise affect the Permittee's liability and obligation to perform corrective action including corrective action beyond the facility boundary, notwithstanding the lack of access. DTSC may determine that additional on-site measures must be taken to address releases beyond the Facility boundary if access to off-site areas cannot be obtained.



**Attachment A Acme Fill Corporation, North Parcel  
Location and Landfill Map**

**Attachment B**  
**Summary of Groundwater Sampling and Analysis Frequencies**

<u>WELL</u>	<u>WELL STATUS</u>	<u>FIRST SEMIANNUAL EVENT</u>	<u>SECOND SEMIANNUAL EVENT</u>	<u>SUBSEQUENT MP SAMPLING FREQUENCY (note 4)</u>
<u>Young Bay Mud</u>				
MW-102	Existing	COCs (note 1)	VOCs* (note 2)	Semiannual
MW-106	Existing	COCs	VOCs*	Semiannual
MW-107	Existing	COCs	VOCs*	Semiannual
MW-111	Existing	COCs	VOCs*	Semiannual
MW-113	Existing – insufficient data	COCs	COCs	Semiannual
MW-501A	New	COCs	COCs	Semiannual
PC-4A	Existing	COCs	VOCs*	Semiannual
PC-24A	New	COCs	COCs	Semiannual
PC-26A	New	COCs	COCs	Semiannual
PC-27A	New	COCs	COCs	Semiannual
PC-28A	New	COCs	COCs	Semiannual
<u>Older Bay Mud</u>				
PC-1B(R)	New (PC-1B replacement)	COCs	COCs	Semiannual
PC-2B1	New	COCs	COCs	Semiannual
PC-4B1	New	COCs	COCs	Semiannual
MW-126	Existing	COCs	VOCs*	Semiannual
<u>Older Alluvium (Upper)</u>				
PC-2B	Existing	COCs	VOCs*	Annual
PC-4B	Existing – insufficient data	COCs	COCs	Annual
PC-5B	Existing	COCs	VOCs*	Annual
<u>Older Alluvium (Lower)</u>				
PC-4C	Existing	COCs	VOCs*	Annual
PC-5C	Existing	COCs	VOCs*	Annual

<u>WELL</u>	<u>WELL STATUS</u>	<u>FIRST SEMIANNUAL EVENT</u>	<u>SECOND SEMIANNUAL EVENT</u>	<u>SUBSEQUENT MP SAMPLING FREQUENCY (note 4)</u>
<u>Bedrock</u>				
MW-501	Existing	COCs	VOCs*	Semiannual
PC-1E	Existing	COCs	VOCs*	Semiannual
PC-2E	Existing – insufficient data	COCs	COCs	Annual
PC-4E	Existing	COCs	VOCs*	Annual
PC-5E	Existing – insufficient data	COCs	COCs	Annual
PC-25E	New	COCs	COCs	Semiannual
WPZ-30E	Existing – insufficient data	COCs	COCs	Semiannual
LEACHATE (note 3)	LTP	COCs	None	Annual

Note 1. COCs are constituents of concern listed in Table 4-1 of the GMP.

Note 2. VOCs\* = volatile organic compounds listed in Table 4-1 of the GMP, plus any anomalous COC chemical suites identified during the first sampling event.

Note 3. A composite leachate sample collected from the influent sampling port at the LTP that is representative of leachate extraction wells and leachate extraction sumps.

Note 4. For subsequent MP sampling events, MPs shall be sampled at the indicated frequency. COCs shall be sampled once every five years.