



*California Environmental Protection Agency  
Department of Toxic Substances Control*

**HAZARDOUS WASTE FACILITY PERMIT**

**Permit Number: 05 - SAC - 04**

**Facility Name:**

Diablo Canyon Power Plant  
Nine Miles Northwest of Avila Beach  
Avila Beach, California 93424

**Owner Name:**

Pacific Gas And Electric Company  
77 Beale Street  
Post Office Box 770000  
San Francisco, California 94177

**Operator Name:**

Pacific Gas And Electric Company  
77 Beale Street  
Post Office Box 770000  
San Francisco, California 94177

**Facility EPA ID Number: CAD077966349**

**Effective Date: July 30, 2006**

**Expiration Date: July 30, 2016**

**Permit Modification History:**

Pursuant to Section 25200 of the California Health and Safety Code, this RCRA-equivalent Hazardous Waste Facility Permit is hereby issued to: Pacific Gas and Electric Company. The Issuance of this Permit is subject to the conditions set forth in Attachment A and the Part "B" Application (Operation Plan), dated January 30, 2004. The Attachment A consists of 19 pages.

//original signed by//

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James M. Pappas, P.E., Chief  
Northern California Permits and Corrective Action Branch  
Department of Toxic Substances Control

June 30, 2006

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Date:

Diablo Canyon Power Plant  
Nine Miles Northwest of Avila Beach  
Avila Beach, California 93424

**HAZARDOUS WASTE FACILITY PERMIT**  
**ATTACHMENT "A"**  
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HAZARDOUS WASTE FACILITY PERMIT

Diablo Canyon Power Plant  
Nine Miles Northwest of Avila Beach  
Avila Beach, California 93424  
**U.S. EPA ID No. CAD077966349**

**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 Title 22, California Code of Regulations Division 4.5, unless expressly provided otherwise by this Permit.

1. **“Combined waste”** means waste that contains non-Resource Conservation and Recovery Act (RCRA) hazardous waste and source, special nuclear, or by-product material subject to the Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 et seq.).
2. **“DTSC”** as used in this Permit means the California Department of Toxic Substances Control.
3. **“Facility”** as used in this Permit means a hazardous waste facility as defined in Health and Safety Code section 25117.1.
4. **“Mixed waste”** as used in this Permit means waste that contains Resource Conservation and Recovery Act (RCRA) hazardous waste and source, special nuclear, or by-product material subject to the Atomic Energy Act of 1954 as amended (42 U.S.C. 2011 et seq.).
5. **“Permittee”** as used in this Permit means the Owner and Operator.

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

### 1. Owner and Operator

Pacific Gas and Electric Company (hereafter "owner" or "operator" or "Permittee") owns and operates Diablo Canyon Power Plant (hereinafter "Facility").

### 2. Location

The Facility is located nine miles northwest of Avila Beach in the southwest one-fourth of Section 24, Township 31S, Range 10E, Mount Diablo Baseline and Meridian, San Luis Obispo County

### 3. Description

The Facility is a nuclear electric generation facility owned and operated by the Pacific Gas and Electric Company. It consists of approximately 585 acres located adjacent to and south of Diablo Creek. It is approximately 9 miles northwest of Avila Beach and approximately 4 miles southeast of Los Osos, San Luis Obispo County, California.

The coastal properties surrounding the 585-acre Facility are owned by P G & E located north of Diablo Creek, extending north to the southerly boundary of Montana de Oro State Park and the coastal property owned by Eureka Energy Company located south of the site extending to Avila Beach. Managed access to the Facility and other surrounding properties is controlled by Facility's security system and staff.

The Permittee treats and stores hazardous wastes, and hazardous waste with low-levels of radioactivity (mixed waste). The Permittee does not dispose of hazardous waste or mixed waste on-site or receive waste generated outside of the facility's boundary. Hazardous/mixed waste and residues from treatment processes are shipped off-site to approved, recycling, treatment or disposal facilities. Accumulated, generated wastes may be stored for up to one year in the permitted container or tank storage units before shipment to a disposal facility.

The major hazardous waste streams are oil/water separator sludge, oil contaminated solids, waste oil, laboratory wastewater, and steam cleaning wastes. The Facility also manages small quantities of waste hydrocarbon products, solvents, paint waste, asbestos containing materials, batteries, and miscellaneous chemicals.

Wastewater resulting from the treatment of aqueous hazardous wastes may be discharged to the Pacific Ocean in accordance with the Permittee's National Pollutant Discharge Elimination System (NPDES) wastewater discharge permit. Such discharge will only occur in the event the wastewater no longer exhibits a hazardous waste characteristic.

4. Permitting History

The Permittee filed a Part A Permit Application pursuant to the Resource Conservation and Recovery Act (RCRA) on November 17, 1980. On April 6, 1981, the California Department of Health Services, DTSC's predecessor agency, issued an Interim Status Document to the Permittee for the storage of hazardous wastes in tanks, containers, and the Wastewater Holding Pond. The Permittee received a Hazardous Waste Facility Permit on June 8, 1987, which incorporated the Operation Plan, Revision 7. DTSC renewed the Hazardous Waste Facility Permit on June 30, 1994, which allowed the continued operation of existing hazardous waste storage units and introduced new storage, treatment areas and treatment methods. On June 12, 1996, DTSC modified the June 30, 1994, Hazardous Waste Facility Permit through a Class 3 modification, which added the existing and future mixed waste treatment and storage units to the Hazardous Waste Facility Permit.

5. Facility Size and Type for Fees

The Facility is categorized as a large treatment and storage facility for purposes of Health and Safety Code section 25205.19.

**PART III - GENERAL CONDITIONS**

1. **PERMIT APPLICATION DOCUMENTS**

The Part "A" Application dated January 30, 2004 and the Part "B" Application (Operation Plan) Diablo Canyon Power Plant, Operation Plan for a Hazardous Waste Facility, EPA ID Number CAD077966349 (tanks and containers only), Revision 11, Volumes 1, and 2 dated January 30, 2004 are hereby approved by DTSC and made a part of this Permit by reference.

2. **EFFECT OF PERMIT**

- (a) The Permittee shall comply with the provisions of the California Health and Safety Code, and Division 4.5 of Title 22, California Code of Regulations (Cal. Code Regs. title 22). 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 treat and store hazardous wastes in accordance with the conditions of this Permit. Any treatment or storage of hazardous wastes not specifically authorized in this Permit is strictly prohibited
- (c) Compliance with the terms 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 the Permit in the time or manner specified herein will subject the Permittee to possible enforcement action including but not limited to penalties pursuant to Health and Safety Code section 25187.
- (f) Failure to submit any information required in connection with the Permit, or falsification and/or misrepresentation of any submitted information, is grounds for revocation of this Permit (Cal. Code of Regs., title 22, section 66270.43).
- (g) In case of conflicts between the Operation Plan and the Permit, the Permit

conditions take precedence.

- (h) This Permit includes and incorporates by reference any waste discharge requirements issued by the State Water Resources Control Board or any of the California Regional Water Quality Control Boards and any conditions imposed pursuant to Water Code section 13227.

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, California Code of Regulations, title 14, section 15070, et seq.

4. WASTE MINIMIZATION CERTIFICATION

Pursuant to Health and Safety Code section 25202.9 the Permittee shall certify annually, by March 1 for the previous year ending December 31, that:

- (a) The Facility has a program in place to reduce the volume and toxicity of all hazardous wastes which are generated by the facility operations to the degree, determined by the Permittee, to be economically practicable.
- (b) The method of storage or treatment is the only practicable method or combination of methods currently available to the Facility which minimizes the present and future threat to human health and the environment.

The Permittee shall make this certification, in accordance with Cal. Code of Regs., title 22, section 66270.11. The Permittee shall submit the certification to the Branch Chief, Northern California Permitting and Corrective Action Branch and shall record and maintain onsite such certification in the Facility Operating Record.

(5) WASTE MINIMIZATION CONDITIONS

The Permittee shall comply with the Hazardous Waste Source Reduction and Management Review Act (SB 14) requirements that are specified in the Health and Safety Code sections 25244.19, 25244.20 and 25244.21, and any subsequent applicable statutes or regulations promulgated there under.

This includes submittal of SB 14 documents to DTSC upon request.

DTSC may require the Permittee to submit a more detailed status report explaining any deviation from, or changes to, the approved waste minimization plan.

**PART IV - PERMITTED UNITS AND ACTIVITIES**

This Permit authorizes operation only of the facility units and activities listed below. The Permittee shall not treat or store 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.

The permitted units are limited to:

- (1) CENTRAL HAZARDOUS WASTE MANAGEMENT AREA
  - CONTAINER STORAGE
  - CONSOLIDATION
  - ABSORPTION
  - DECANTATION
  - NEUTRALIZATION
  - CONTAINER COMPACTION
  - TRIPLE RINSING
  - TANK STORAGE #1
  - TANK STORAGE #2
  - TANK STORAGE #3
- (2) OILY WATER SEPARATOR COLLECTION SUMP
- (3) MIXED WASTE MANAGEMENT AREA - BAY 5
  - CONTAINER STORAGE
- (4) MIXED WASTE MANAGEMENT AREA - BAY 6
  - FILTRATION UNIT
  - TRIPLE RINSING
  - ABSORPTION
  - DECANTATION
  - ENHANCED AIR DRYING (Fume Hood)
  - ELEMENTARY NEUTRALIZATION
  - CONSOLIDATION

UNIT NAME:

CENTRAL HAZARDOUS WASTE MANAGEMENT AREA

LOCATION:

North entrance to Area 10.

ACTIVITY TYPE:

Container Storage, Absorption, Decanting, Neutralization, Container Compaction, Triple Rinsing, Tank Storage, Consolidation

ACTIVITY DESCRIPTION:

The unit is used for storing waste in drums and other approved containers. Activities allowed in this unit include consolidation of wastes for purposes of transferring similar and compatible wastes from container to container, or container to tank. The Permittee is authorized to add absorbents to containers to eliminate free liquids. The unit is also used for crushing containers or compacting waste inside of a drum. Tanks, drums, barrels, and smaller containers are decontaminated by triple-rinsing with water or water containing detergents to remove residues. Tank Storage #1 is used for treating wastewater through elementary neutralization. Tank Storage #2 and #3 are used for storing waste oil and decanting water from oily wastewater.

PHYSICAL DESCRIPTION:

The Central Hazardous Waste Management Area is a bermed concrete area enclosed by a pre-fabricated metal building with an adjacent loading ramp. The exterior dimensions of the building are approximately 100 feet by 36 feet. The building is divided into two sections via different floor elevations. The larger area (Container Storage and Treatment Area) is approximately 75 feet by 36 feet and has a six inch berm. The smaller area (Tank Area) is approximately 25 feet by 36 feet which includes a 3 ½ foot high wall separating each tank. The floor is lower to yield a berm of 4 feet. The containers shall only be stored in the larger area (75 feet by 36 feet). Adjacent to the North side of the building is a loading ramp. The ramp is constructed of reinforced concrete with walls on three sides for use as secondary containment. This ramp may also be used for triple rinsing of transportable containers too large to be accommodated within the building.

Tanks #1, #2, and #3 are located within the smaller area (25 feet by 36 feet).

MAXIMUM CAPACITY:

Total Container Volume: 22,280 gallons; Total Tanks #1 – 3 Volume: 15,000 gallons

Container Configuration 1:

- 336 55-gallon drums and containers
- 2 100-gallon liquid reservoirs (Container Rinse and Drain Collection Reservoirs)
- 6 500 and 600-gallon Polyethylene Transportable Carboys

Container Configuration 2:

- 242 55-gallon drums and containers
- 20 1-cubic yard or 1-cubic meter boxes
- 2 100-gallon liquid reservoirs (Container Rinse and Drain Collection Reservoirs)
- 6 500 and 600-gallon Polyethylene Transportable Carboys

WASTE TYPES:

Container Storage and Treatment: RCRA/Non-RCRA Incinerable solids, RCRA/Non-RCRA Non-Incinerable solids, RCRA/Non-RCRA liquids,

Tank #1: Wastewater

Tank#2: Waste Oil

Tank #3: Waste Oil

RCRA HAZARDOUS WASTE CODES

Container Storage and Treatment Area:

D001-D003, D005-D011, D018, D035, F001-F005, P105, U002, U019, U028, U031, U041, U045, U056, U057, U069, U075, U080, U096, U108, U112, U121, U122, U133, U135, U151, U154, U159, U161, U188, U213, U226, U239, U359

Tank #1

D002, D005-D011

Tank #2

F001-F005

Tank #3

F001-F005

STATE HAZARDOUS WASTE CODES

Container Storage and Treatment Area:

121-123, 131-135, 141, 151, 162, 171, 172, 181, 211-214, 221-223, 241, 251, 252, 261, 271, 272, 281, 291, 331, 341-343, 351, 352, 451, 461, 491, 512, 513, 521, 541, 551, 561, 611, 711, 722-728, 731, 741, 751, 791, 792

Tank #1

121, 132, 722-728, 791, 792

Tank #2  
132-135, 211-214, 221, 223

Tank #3  
132-135, 211-214, 221, 223

#### UNIT SPECIFIC SPECIAL CONDITIONS

Waste may be stored in the following types of containers up to the maximum specified:

a) Drums.

Up to 336 U.S. DOT specified drums compatible with the waste and not exceeding 55 gallons. Overpack drums not exceeding 85 gallons may be stored; however, each overpack drum stored shall count as two drums with respect to the 336-drum maximum.

b) Miscellaneous Lab-Pack Materials Containers.

Small-quantity off-specification laboratory chemicals or plant process chemicals may be accumulated/stored in the manufacturer's product package or an equivalent product break-down container, typically polyethylene plastic, glass or metal containers between 50-milliliters and 20-liters (5-gallons) in total container volume. These small quantity wastes may be staged in the Central Hazardous Waste Management Area prior to lab-packing for off-site shipment and disposal, or on-site treatment (neutralization).

c) Plastic Lined Fiber Boxes.

Up to 20 DOT approved plastic lined fiber boxes may be used for storage. These boxes shall only be used to store waste lead-acid batteries, dry-cell batteries, oily rags, aerosol cans, contaminated absorbents, and other solid waste compatible with the container.

d) 600-gallon Polyethylene Containers.

Up to six polyethylene containers not exceeding 600-gallons each may be used for storage. These containers shall only be used to store and transport wastewater and waste oil. These containers may also be used after triple rinsing for interim storage of reusable material compatible with the container.

e) Bins.

Up to two steel bins, not exceeding 20 cubic yards, each, may be used to store waste. These bins shall only be used to store oily solids and cans not exceeding six gallons capacity each.

#### AIR EMISSION STANDARDS

This unit is subject to California Code of Regulations, title 22, chapter 14, article 28.5, Air Emission Standards for Tanks, Surface Impoundments, and Containers.

UNIT NAME:

Oily Water Separator Collection Sump

LOCATION:

The Oily Water Separator Collection Sump is located inside the Protected Area in the East buttress of the Turbine Building.

ACTIVITY TYPE

ACTIVITY DESCRIPTION:

The tank functions as a passive oil/water separator (decanter). It receives grease, oil, sediments and water from the main oil/water separator system. Separated (decanted) water is returned to the Turbine Building sump by gravity flow. The grease, oil and sediments are stored in the sump.

PHYSICAL DESCRIPTION:

This unit is an in-ground concrete tank. The sump is rectangular in shape with internal dimensions of 2'3" wide by 21'9" long, with a nominal depth of 5'4" at the north end where there is an overflow sump. The base of the sump is sloped away from the overflow sump such that the south end is nominally 5'8" deep. The Permittee maintains a minimum of 6 inches of freeboard within the sump and the overflow sump allows another 6 inches of overflow protection. Thus, the nominal operating depth of the sump is approximately 4 feet 4 inches.

MAXIMUM CAPACITY:

1800 GALLONS

WASTE TYPES:

OILY SLUDGE WITH ENTRAINED WATER

RCRA HAZARDOUS WASTE CODES:

NONE

STATE HAZARDOUS WASTE CODES:

221, 222

UNIT SPECIFIC SPECIAL CONDITIONS:

NONE

UNIT NAME:

Mixed Waste Management Area - Bay 5

LOCATION:

Bay 5 is located in the Mixed Waste Management Area which is located in the Solid Radwaste Storage Building east of the Power Plant Unit-2 Reactor Containment.

ACTIVITY TYPE

Container Storage.

ACTIVITY DESCRIPTION:

Bay 5 is a storage area for mixed waste.

PHYSICAL DESCRIPTION:

Bay 5 is 37' 8" deep by 16' 0" wide. Two impervious concrete berms 5.25" in height are provided at each entrance into Bay 5, thereby providing for approximately 1683 gallons of secondary containment area. Bay 5 consists of two common storage areas separated by a concrete partition. The concrete partition may be used to reduce radiation exposure to personnel in the event that any significantly radioactive mixed wastes are generated.

MAXIMUM CAPACITY:

88 double-stacked 55-gallon drums

WASTE TYPES:

RCRA/Non-RCRA Incinerable solids, RCRA/Non-RCRA Non-Incinerable solids, RCRA/Non-RCRA liquids; Miscellaneous waste (e.g. oils, oil-contaminated solids, solvents, paint thinners/sludges, freon filters, adhesives/sealants, hydraulic fluid, lead, or lead contaminated materials).

RCRA HAZARDOUS WASTE CODES:

D001 - D003, D005 - D011; D018, D035, F001 - F005, P105, U002, U019, U028, U031, U041, U045, U056, U057, U069, U075, U080, U096, U108, U112, U121, U122, U133, U135, U151, U154; U159, U161, U188, U213, U226, U239, U359

STATE HAZARDOUS WASTE CODES:

711, 722 - 728, 731, 741, 751, 791, 792, 121 - 123, 131 - 135, 141, 151, 162, 171, 172, 181, 211 - 214, 221 - 223, 241, 251, 252, 261, 271, 272, 281, 291, 331, 341 - 343, 351, 352, 451, 461, 491, 512, 513, 521, 541, 551, 561, 611

AIR EMISSION STANDARDS

This unit is subject to California Code of Regulations, title 22, chapter 14, article 28.5, Air Emission Standards for Tanks, Surface Impoundments, and Containers.

UNIT SPECIFIC SPECIAL CONDITIONS:

Containers of mixed waste greater than 29-gallon capacity shall not be stacked more than two tiers high. Low level radioactive waste and low level radioactive materials may also be stored in Bay 5. The maximum quantity of waste stored in Bay 5 shall not exceed 88 55-gallon drums.

UNIT NAME:

Mixed Waste Management Area – Bay 6

LOCATION:

Bay 6 is located in the Mixed Waste Management Area which is located in the Solid Radwaste Storage Building.

ACTIVITY TYPE

Filtration Unit, Triple Rinsing, Absorption, Decantation, Enhanced Air Drying (Fume Hood), Elementary Neutralization, Consolidation

ACTIVITY DESCRIPTION:

Bay 6 is an accumulation and treatment area for mixed waste and hazardous waste. Treatment of mixed waste in Bay 6 is restricted to filtration, decantation, enhanced air drying, absorption, triple rinsing, elementary neutralization, waste consolidation.

PHYSICAL DESCRIPTION:

Bay 6 is 50'0" deep by 39' 6" wide and consists of two common areas separated by a 2 foot thick concrete partition. Each portion of Bay six is 18'9" wide by 50' long. A sloped 41'6" long by 15' wide ramp is provided at the entrance to Bay 6. The sloped ramp area provides approximately 1683 gallons of secondary containment. The eastern most portion of Bay 6 is used for sorting and segregation of radioactively contaminated materials (including hazardous materials) and hazardous and mixed waste management activities. The western most portion of Bay 6 is not permitted for hazardous/mixed waste activities.

DESIGN CAPACITY:

24, 55-gallon drums

WASTE TYPES:

RCRA/Non-RCRA Incinerable solids, RCRA/Non-RCRA Non-Incinerable solids, RCRA/Non-RCRA liquids; Miscellaneous waste (e.g. oils, oil-contaminated solids, solvents, paint thinners/sludges, freon filters, adhesives/sealants, hydraulic fluid, lead or lead contaminated materials).

RCRA HAZARDOUS WASTE CODES:

D001 - D003, D005 - D011; D018, D035, F001 - F005, P105, U002, U019, U028, U031, U041, U045, U056, U057, U069, U075, U080, U096, U108, U112, U121, U122, U133 - U135, U151, U154; U159, U161, U188, U213, U226, U239, U359

STATE HAZARDOUS WASTE CODES:

711, 722 - 728, 731, 741, 751, 791, 792, 121 - 123, 131 - 135, 141, 151, 162, 171, 172, 181, 211 - 214, 221 - 223, 241, 251, 252, 261, 271, 272, 281, 291, 331, 341 - 343, 351, 352, 451, 461, 491, 512, 513, 521, 541, 551, 561, 611

AIR EMISSION STANDARDS

This unit is subject to California Code of Regulations, title 22, chapter 14, article 28.5, Air Emission Standards for Tanks, Surface Impoundments, and Containers.

UNIT SPECIFIC SPECIAL CONDITIONS:

Low level radioactive materials and low level radioactive waste may be stored in Bay 6. Hazardous waste and mixed waste shall not be stored in Bay 6. Hazardous waste and mixed waste may be accumulated up to 90 days, in Bay 6 pursuant to California Code of Regulations, title 22, section 66262.34. The maximum quantity of waste and materials located in Bay 6 shall not exceed 24, 55-gallon drums.

**PART V - SPECIAL CONDITIONS WHICH APPLY TO ALL OF THE FACILITY'S  
STORAGE AND/OR TREATMENT UNITS**

1. AISLE SPACE FOR CONTAINER PALLETS

A minimum aisle space of three feet shall be maintained between container pallets to allow for movement of emergency equipment and personnel.

2. DURATION OF STORAGE

- (a) The Permittee is authorized to store mixed waste and combined waste at the designated storage units for up to a maximum of one calendar year from the date of acceptance, unless the Permittee obtains DTSC authorization for extended storage in accordance with Condition V.2.
- b) Within 60 days of the effective date of this Permit, the Permittee shall submit an Initial Inventory of wastes stored under extension (extended storage). The inventory shall identify all mixed/combined wastes under extended storage, their hazardous constituents, hazardous waste description, radioisotope(s), RCRA and California waste codes, volumes in storage by waste stream, storage expiration date(s), and projected shipment date(s), and shall include a detailed description of the Permittee's continuing efforts to locate available treatment technology and/or disposal capacity for all mixed waste or combined waste generated onsite.
- (c) In addition to the Initial Inventory, the Permittee shall submit to DTSC a semi-annual inventory report, due June 30 and December 31 of each year. The report shall be submitted to:

Branch Chief  
Statewide Compliance Division  
700 Heinz Avenue  
Berkeley, California 94710

And

Branch Chief  
Northern California Permits and Corrective Action Branch  
Department of Toxic Substances Control  
8800 Cal Center Drive  
Sacramento, California 95826

**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 24 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 releases of hazardous waste and/or hazardous constituents. For newly identified release or SWMUs, the Permittee is required to conduct corrective action. Corrective action will be carried out either under a Corrective Action Consent Agreement or an Enforcement Order for Corrective Action pursuant to Health and Safety Code sections 25187 and 25200.10.