



California Environmental Protection Agency  
Department of Toxic Substances Control

**HAZARDOUS WASTE FACILITY  
SERIES 'A' STANDARDIZED PERMIT**

Facility Name: Ecology Control Industries  
255 Parr Boulevard  
Richmond, California 94801

Owner Name: Ecology Control Industries  
19500 Normandie Avenue  
Torrance, California 90502

Operator Name: Ecology Control Industries  
255 Parr Boulevard  
Richmond, California 94801

Permit Number: 07-BRK-01

EPA ID Number: CAD 009 466 392

Effective Date of Permit:

April 6, 2007

Expiration Date of Permit:

April 6, 2017

Pursuant to Sections 25200 and 25201.6 of the California Health and Safety Code, this Hazardous Waste Facility Series A Standardized Permit is hereby issued to Ecology Control Industries. The issuance of this Permit is subject to the conditions set forth in Attachment A and the approved Part "A" and Part "B" Permit Applications (Approved Permit Application). The Permit consists of 36 pages including this cover page and Attachment "A".

--Original Signed by: Mohinder S. Sandhu--

Mohinder S. Sandhu, P.E., Chief  
Standardized Permitting and Corrective Action Branch  
Department of Toxic Substances Control

Issuance Date: February 26, 2007

**ECOLOGY CONTROL INDUSTRIES  
255 PARR BOULEVARD, RICHMOND, CALIFORNIA 94801  
HAZARDOUS WASTE FACILITY STANDARDIZED PERMIT, SERIES A  
ATTACHMENT A  
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## 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. **“DTSC”** as used in this Permit means the California Environmental Protection Agency, Department of Toxic Substances Control.
2. **“ECI”** as used in this Permit means Ecology Control Industries.
3. **“Non-RCRA hazardous waste”** as used in this Permit means all hazardous waste regulated in the State of California, other than RCRA hazardous waste as defined in Health and Safety Code section 25120.2.
4. **“Permittee”** as used in this Permit means the Owner and Operator.
5. **“RCRA hazardous waste”** as used in this Permit means all waste identified as a hazardous waste in Part 261 (commencing with Section 261.1) of Subchapter I of Chapter 1 of Title 40 of the Code of Federal Regulations and appendixes thereto.

Unless explicitly stated otherwise, all references to items in this Permit shall refer only to items occurring within the same part.

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

### **1. OWNER**

The Facility owner is Ecology Control Industries (hereafter "Owner").

### **2. OPERATOR**

The Facility operator is Ecology Control Industries (hereafter "Operator") located at 255 Parr Boulevard Richmond, California 94801.

### **3. LOCATION**

Ecology Control Industries (ECI) is located in northern Richmond in Contra Costa County in an industrial zone at 255 Parr Boulevard, Richmond, California on a nine-acre Parcel (A.P. No. 408-090-028). The Facility is located 150 yards north of San Pablo Creek and 2 miles west of Interstate Highway 80. (See Figure 1: Facility Location Map and Figure 2- Map Showing Traffic Flow to and From ECI Site.)

### **4. DESCRIPTION**

The Facility recycles storage tanks previously used to store petroleum products. Tanks are shipped to ECI and unloaded from the flat bed trailers and placed in the Tank Staging Area temporarily. The tanks are transferred from the Tank Staging Area to the Tank Rinse Pad to begin the decontamination process. On the Tank Rinse Pad, each tank is checked for its explosive potential level and percent oxygen before a hole is cut out on the side. The residual solids inside the tank are shoveled out and placed into drums and tested for ignitability. Sludges with free liquids are placed in 55-gallon drums and solids are placed in 20 cubic yard roll-off bins. The removed solids are characterized as either ignitable or as non-RCRA hazardous waste depending on the lower explosive level reading. Waste that is determined to be ignitable is managed as hazardous waste and shipped for disposal as flammable waste to a permitted hazardous waste disposal facility. The removed solid waste from oil and diesel tanks is transferred directly into roll-off bins for disposal as non-RCRA hazardous waste and transported to a hazardous waste disposal facility. After removal of the solids and/or sludge, the tank is rinsed with water and visually inspected to verify it is clean. The rinsate water is pumped directly into the 5,200-gallon rinsate holding tank via an air driven double diaphragm pump. The rinsate water may be pumped into a 250-gallon measuring tank to measure the amount of water used to clean each tank if necessary for billing purposes. This rinsate pumping and storage process takes place inside the secondary containment area. The decontaminated fuel tanks are then transferred temporarily to the "clean tank" staging area until they are

transported off-site to either a metal recycler or landfill for appropriate disposal. Pipes and appurtenances are cleaned similarly and stored in 40 cubic yard bins for recycling. (See Figure 3: Facility Plot Plan.)

5. FACILITY HISTORY

In 1998, ECI purchased the tank recycling facility from Erickson Environmental who had operated an environmental service business at the site since 1980. In 1986, Erickson began a tank processing, recycling, and disposal business. ECI continued the same operations under the permit that was issued to Erickson Environmental in 1988, until a DTSC consent order was issued in 2001.

6. FACILITY SIZE AND TYPE FOR FEES

The Facility is categorized as a Series "A" Standardized Permit facility for the purposes of Health and Safety Code section 25205.19.

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

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

The Hazardous Waste Information Form (Part "A") dated August 18, 2004, and the Standardized Permit Application, Ecology Control Industries Richmond facility, dated May 2004 and revised August 12, 2004, September 30, 2004, October 11, 2004, November 19, 2004, June 22, 2005, January 24, 2006, and May 4, 2006 are hereby approved (collectively, the Approved Permit Application) and made a part of this Permit by reference.

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

- (a) The Permittee shall comply with the conditions of this standardized permit, and the requirements of the California Health and Safety Code, and Division 4.5 of Title 22, California Code of Regulations. 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 at the federal, state, and local levels, including but not limited to, 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) In addition, 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 (California Code of Regulations, title 22, § 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 conditions of 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 section 13227 of the Water Code.

3. COMPLIANCE WITH CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

A Negative Declaration has been prepared in the accordance with the requirements of Public Resources Code Section 21000 et seq. and the CEQA Guidelines, Section 15070 et seq. of Title 14, California Code of Regulations.

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 recycles fuel tanks and generates the least amount of waste possible to operate 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 California Code of Regulations, title 22, section 66270.11. The Permittee shall submit the certification to Chief, Standardized Permitting and Corrective Action Branch, Department of Toxic Substances Control, 8800 Cal Center Drive, Sacramento, California 95826, and shall record and maintain onsite such certification in the Facility Operating Record.

5. WASTE MINIMIZATION CONDITIONS

Pursuant to Health and Safety Code 25244.15(d)(3) any generator whose hazardous waste generating activity consists solely of receiving offsite hazardous wastes and generating residuals from the processing of those hazardous wastes is exempted from SB14 requirements. ECI accepts contaminated tanks with hazardous wastes from offsite. Therefore hazardous

wastewater accumulated during the processing of these tanks will be considered residuals generated from the processing of these tanks.

6. SAMPLING/ACCESS

(a) Sampling

- (1) The Permittee shall provide confirmatory samples to DTSC within the time requested by DTSC to determine if there is a threat to human health and/or the environment. The sampling shall be done in accordance with guidance that DTSC supplies to the Permittee.
- (2) The Permittee shall notify DTSC in writing at least fourteen (14) days prior to beginning any confirmatory sampling requested by DTSC. If the Permittee believes it must commence emergency confirmatory sampling without delay, the Permittee may seek emergency telephone authorization from DTSC's Standardized Permitting and Corrective Action Branch Chief or, if the Branch chief is unavailable, his/her designee, to commence such activities immediately. At the request of DTSC, the Permittee shall provide or allow DTSC or its authorized representative to take split or duplicate samples of all samples collected by the Permittee pursuant to Part VI of this Permit.
- (3) The Permittee shall submit to DTSC upon request the results of all sampling and/or tests or other data generated by its employees, divisions, agents, consultants, or contractors pursuant to this Permit.
- (4) Notwithstanding any other provisions of this Permit, DTSC retains all information gathering and inspection authority rights including enforcement action related thereto, under Health and Safety Code and any other applicable State or federal statutes or regulations.

(b) Access

- (1) DTSC, its contractors, employees, agents, and/or any United States Environmental Protection Agency representatives are authorized to enter and freely move about the Facility pursuant to the entire Permit 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 and

Division 20, Chapter 6.5 of the Health and Safety Code. The Permittee shall provide DTSC and its representatives access at all reasonable times to the Permittee's Facility and any other property to which access is required for implementation of any provision of this Permit and any provision of Division 20, Chapter 6.5 of the Health and Safety Code 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.

- (2) 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 thirty (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 thirty (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 fourteen (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.
- (3) 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.
- (4) Nothing in Part VI of the 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 operation only of the Facility units and activities listed in this Part. 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 eight (8) units authorized under this Permit are as follows:

1. Tank Staging Area
2. Tank Rinse Pad
3. Rinsate Tanks
4. Flammable Drum Storage Area
5. 55-Gallon Drum Storage Area
6. Bin Storage Area 1
7. Bin Storage Area 2
8. Bin Storage Area 3

UNIT NAME:

Tank Staging Area

LOCATION:

The Tank Staging Area is the paved and bermed area in the northwest portion of the property approximately 135 feet from the west boundary line and 86 feet from the north boundary line. (See Figure 3: Facility Plot Plan Map for location of this unit.)

ACTIVITY TYPE:

Storage of Empty Fuel Tanks

ACTIVITY DESCRIPTION:

Unclean fuel tanks are unloaded and placed horizontally into the Tank Staging Area until they are moved to the Rinse Pad for decontamination. (See Figure 4: Aisle Space and Configuration of Tank Staging Area.)

PHYSICAL DESCRIPTION (CURRENT):

A 90' X 130' bermed pad.

PHYSICAL DESCRIPTION (FUTURE):

A 120' X 145' bermed and reinforced concrete pad.

MAXIMUM CAPACITY:

The Facility receives various size tanks so the capacity of the Tank Staging Area is dependant on the size of the tanks being received for any given day. The tanks must not extend beyond the Tank Staging Area boundary. Furthermore, the number of tanks in the Tank Staging Area shall not exceed a maximum of 25.

WASTE TYPES:

The incoming tanks will be contaminated with oil, diesel or gasoline.

HAZARDOUS WASTE CODES:

California Waste Codes: 512 and 513  
RCRA Waste Codes: D001, D008, and D018

UNIT SPECIFIC SPECIAL CONDITIONS:

1. Tanks shall be configured in rows separated by a minimum of 3 feet of aisle space around each tank in every direction. (See Figure 4: Aisle Space and Configuration of Tank Staging Area.)
2. ECI shall complete construction of the new Tank Staging Area pad within 90-days of DTSC notice to do so. The new pad shall be constructed in accordance with the drawings submitted to DTSC and signed by a Professional Engineer, licensed in the State of California.
3. Within thirty (30) calendar days after the completion of the secondary containment system the Permittee shall submit to DTSC an as-built drawing of the secondary containment system certified to comply with applicable requirements of California Code of Regulations, title 22, section 66264.175(c) by an independent, qualified professional engineer, registered in California.

UNIT NAME:

Tank Rinse Pad

LOCATION:

The Tank Rinse Pad is located 6 feet west of the Tank Staging Area. (See Figure 3: Facility Plot Plan Map for location of this unit.)

ACTIVITY TYPE:

Treatment (Tank cleaning)

ACTIVITY DESCRIPTION:

Fuel tanks are transported to the Tank Rinse Pad for decontamination. Tank atmosphere is tested to verify inside the tank is less than 10% of the lower explosive limit (LEL) for flammable vapors and less than 10% oxygen. Carbon dioxide is pumped into the tank to displace any oxygen or flammable vapors that may be present. A hole is cut in the side of the tank to allow access for cleaning and visual inspection of the tank interior. Any residual gasoline waste is removed and placed in 55-gallon drums. Any diesel sludge with free liquids is also placed in 55-gallon drums. Waste from oil and diesel tanks are transferred into a roll-off container for disposal as Non-RCRA hazardous waste solid. Diesel fuel may be used to clean oil tanks that have an accumulation of heavy sludge. The diesel is used to dissolve the sludge so that it can easily be removed from the tank's interior surface. After the tank bottom residuals are removed, the tanks are rinsed with water. This water is transferred to the Rinsate Tank.

Piping, appurtenances, valves, gauges, sleeves, wiring, and other miscellaneous attachments to the tank are removed and placed in the Unit bins prior to tank staging. Separately from the tank, these items are decontaminated in much the same manner as tanks. Detergents and soaps are used in conjunction with pressure and steam washers/blasters to remove any residual substances such as sludges, fuels, and liquids. Since these items have small cavities and limited access to apply pressure washing, a water and detergent mix are used in conjunction with pressure and steam washers/blasters to remove any residual substances. Since these items have small cavities and limited access to apply pressure washing, a water and detergent mix is inserted into the pipe, gauge or valve and left to "soak-off" the residual material for an indeterminate amount of time. Items are then sent to the landfill or recycling. The water used in the process is transferred to the Rinsate Tank.

PHYSICAL DESCRIPTION:

A 15' X 50' bermed concrete pad.

MAXIMUM CAPACITY:

The Tank Rinse Pad shall process one tank at a time.

WASTE TYPES:

Waste oil and mixed oil, oil/water separation sludge, unspecified organic liquid mixture, and other empty containers 30 gallons or more.

HAZARDOUS WASTE CODES:

California Waste Codes: 133, 134, 221, 561, 135, 223, 241, 352, 512, and 513  
RCRA Waste Codes: D001, D008, and D018

UNIT NAME:

Rinsate Tanks

LOCATION:

The measuring tank and two rinsate tanks are located 62 feet west of the Tank Staging Area. (See Figure 3: Facility Plot Plan Map for location of this unit.)

ACTIVITY TYPE:

Storage in Tanks.

ACTIVITY DESCRIPTION:

The petroleum contaminated process water collected from cleaning the fuel tanks is pumped via an air driven double diaphragm pump into a rinsate tank. On occasion the rinsate water will be measured in the measuring tank prior to pumping it into the rinsate tank.

PHYSICAL DESCRIPTION:

The three tanks in this unit have the following capacities and dimensions:

5,200-gallon tank: 12' Diameter X 8' Height.

1850-gallon tank: 6' Diameter X 9'8" Height.

250-gallon measuring tank: 3' Diameter X 5' Height.

The tanks are set on a 1.33-foot thick steel re-enforced concrete pad and a 7.5-inch thick concrete pedestal foundation. All three tanks are enclosed in a 30.5-foot X 20.5-foot secondary containment area which is concrete with a chemical resistant coating.

MAXIMUM PERMITTED STORAGE CAPACITIES:

The maximum permitted storage capacity for the 5,200-gallon tank is 4,900 gallons.

The maximum capacity for the 1,850-gallon tank is 1,700 gallons. The maximum capacity for the 250-gallon tank is 250 gallons.

WASTE TYPES:

Contaminated rinse water from the decontamination of fuel tanks, pipes and appurtenances.

HAZARDOUS WASTE CODES:

California Waste Code: 133, 134, and 135

UNIT SPECIFIC SPECIAL CONDITIONS:

1. This Unit shall be operated in accordance with California Code of Regulations, title 22, section 66264.194.

UNIT NAME:

Flammable Drum Storage Area

LOCATION:

The Flammable Drum Storage Area is 60-feet west of the Tank Staging Area adjacent to the Tool Storage Shed. (See Figure 3: Facility Plot Plan Map for location of this unit.)

ACTIVITY TYPE:

Storage in Containers

ACTIVITY DESCRIPTION:

Flammable petroleum contaminated sludge is stored in the 55-gallon drums. 85-gallon steel over-packed drums are used to secure leaking 55-gallon drums when necessary.

PHYSICAL DESCRIPTION:

All hazardous waste drums generated by tank cleaning are stored inside fully enclosed metal storage container. The container has a roof and metal doors that can be secured from the outside. The bottom of the door is placed four inches from the base of the container to provide for secondary containment. The storage container measures 22' X 8' X 8' of which 2/3's is used for the Flammable Drum Storage (14'8" X 8' X 8').

MAXIMUM CAPACITY:

Eleven (11) 55-gallon drums can be stored in the Flammable Drum Storage Areas un-stacked for a maximum capacity of 605 gallons. Six (6) 55-gallon drums can be stored in the Northern bay and five (5) 55-gallon drums can be stored in the Southern bay. (See Figure 5: Aisle Space and Configuration of Drum Storage Area).

WASTE TYPES:

Petroleum sludge

HAZARDOUS WASTE CODES:

California Waste Codes: 241 and 343.  
RCRA Waste Codes: D001, D008, and D018

UNIT SPECIFIC SPECIAL CONDITIONS:

1. Drums must not be stacked.
2. A minimum of 3 feet of aisle space shall be maintained between each row of drums.
3. For the purpose of determining compliance with the maximum unit capacity, all containers in storage shall be assumed full, regardless of their actual contents.

AIR EMISSION STANDARDS:

This unit shall operate in accordance with California Code of Regulations, title 22, section 66264.179.

UNIT NAME:

55-Gallon Drum Storage Area

LOCATION:

This storage is 5 feet west of the Flammable Drum Storage Area. (See Figure 3: Facility Plot Plan Map for location of this unit).

ACTIVITY TYPE:

Storage in Containers

ACTIVITY DESCRIPTION:

Petroleum contaminated sludge is stored in the 55-gallon drums. 85-gallon steel over-packed drums are used to secure leaking 55-gallon drums when necessary.

PHYSICAL DESCRIPTION:

All hazardous waste drums generated by tank cleaning are stored inside fully enclosed metal storage container. The container has a roof and metal doors that can be secured from the outside. The bottom of the door is placed four inches from the base of the container to provide for secondary containment. The storage shed measures 22' X 8' X 8'.

MAXIMUM CAPACITY:

Sixteen (16) 55-gallon drums can be stored in the Drum Storage Area un-stacked to maintain a maximum capacity of 880 gallons. Six (6) 55-gallon drums can be stored in the Northern bay and ten (10) 55-gallon drums can be stored in the Southern bay. (See Figure 5: Aisle Space and Configuration of Drum Storage Area).

WASTE TYPES:

Petroleum sludge

HAZARDOUS WASTE CODES:

California Waste Codes: 223 and 241

UNIT SPECIFIC SPECIAL CONDITIONS:

1. Drums must not be stacked.
2. A minimum of 3 feet of aisle space shall be maintained between each row of drums.
3. For the purpose of determining compliance with the maximum unit capacity, all containers in storage shall be assumed full, regardless of their actual contents.

AIR EMISSION STANDARDS:

This unit shall operate in accordance with California Code of Regulations, title 22, section 66264.179.

UNIT NAME:

Bin Storage Area 1

LOCATION:

Bin Storage location is north of the Rinsate Tank Area and west of the Tank Staging Area. (See Figure 3: Facility Plot Plan Map for location of this unit).

ACTIVITY TYPE:

Storage in Containers

ACTIVITY DESCRIPTION:

This unit is used for storage of tank bottom solids.

PHYSICAL DESCRIPTION:

Two 20 cubic yard roll-off bins kept in a 20' X 20' bermed concrete pad.

MAXIMUM CAPACITY:

Two roll-off bins which contain 20 cubic yards each for a maximum capacity of 40 cubic yards of hazardous waste.

WASTE TYPES:

Oily solids and sludge

HAZARDOUS WASTE CODES:

California Waste Codes: 241 and 352  
RCRA Waste Codes: D008

UNIT SPECIFIC SPECIAL CONDITIONS:

1. This unit shall accept solid wastes only.
2. A minimum of 3 feet of aisle space shall be maintained between each bin.
3. The unit shall be clearly marked and designed and operated in accordance with California Code of Regulations, title 22, section 66264.175.

AIR EMISSION STANDARDS:

This unit shall operate in accordance with California Code of Regulations, title 22, section 66264.179.

UNIT NAME:

Bin Storage Area 2

LOCATION:

Bin Storage locations are adjacent to the southern edge of the Tank Staging Area. (See Figure 3: Facility Plot Plan Map for location of this unit.)

ACTIVITY TYPE:

Storage in Containers

ACTIVITY DESCRIPTION:

This unit is used to store dirty piping, hoists, fuel dispensers, and associated equipment contaminated with hazardous waste.

PHYSICAL DESCRIPTION:

Four 20 cubic yard roll-off bins kept in a 25' X 60' bermed concrete pad.

MAXIMUM CAPACITY:

Four roll-off bins which contain 20 cubic yards each for a maximum capacity of 80 cubic yards of hazardous waste.

WASTE TYPES:

Dirty piping, hoists, and fuel dispensers contaminated with hazardous waste.

HAZARDOUS WASTE CODES:

California Waste Codes: 512 and 513

UNIT SPECIFIC SPECIAL CONDITIONS:

1. This unit shall accept solid wastes only.
2. A minimum of 3 feet of aisle space shall be maintained between each bin.
3. The unit shall be clearly marked and designed and operated in accordance with California Code of Regulations, title 22, section 66264.175.

**AIR EMISSION STANDARDS:**

This unit shall operate in accordance with California Code of Regulations, title 22, section 66264.179.

UNIT NAME:

Bin Storage Area 3

LOCATION:

Bin Storage locations are located in the southwest corner of the property west of the entrance gate. (See Figure 3: Facility Plot Plan Map for location of this unit).

ACTIVITY TYPE:

Storage in Containers

ACTIVITY DESCRIPTION:

This unit is used to store dirty piping, hoists, and fuel dispensers, and associated equipment contaminated with hazardous waste.

PHYSICAL DESCRIPTION:

Six 20 cubic yard roll-off bins kept in a 25' X 65' bermed concrete pad.

MAXIMUM CAPACITY:

Six roll-off bins which contain 20 cubic yards each for a maximum capacity of 120 cubic yards of hazardous waste.

WASTE TYPES:

Dirty piping, hoist, fuel dispenser contaminated with hazardous waste.

HAZARDOUS WASTE CODES:

California Waste Codes: 512 and 513

UNIT SPECIFIC SPECIAL CONDITIONS:

1. This unit shall accept solid wastes only.
2. A minimum of 3 feet of aisle space shall be maintained between each bin.
3. The unit shall be clearly marked and designed and operated in accordance with California Code of Regulations, title 22, section 66264.175.

AIR EMISSION STANDARDS:

This unit shall operate in accordance with California Code of Regulations, title 22, section 66264.179.

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

1. The following documents are certified for use by the Permittee in accordance with Health and Safety Code Section 25201.6(c)(4), shall be maintained at the Facility at all times until Facility closure is approved by DTSC, and shall be made available to Facility operating personnel, local, State, and federal officials upon request:
  - (a) Contingency Plan and Emergency Preparedness
  - (b) Facility Management Practices
  - (c) Inspection Schedule
  - (d) Manifesting
  - (e) Personnel Training
  - (f) Reporting
  - (g) Security Plan
  - (h) Waste Analysis Plan
  - (i) Facility Operating Record
2. Permittee shall not dispose of hazardous waste at the Facility. In accordance with the California Code of Regulations, title 22, section 66260.10, "disposal" means: (a) the discharge, deposit, injection, dumping, spilling, leaking or placing of any waste or hazardous waste into or on any land or water so that such waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters; (b) the abandonment of any waste.
3. The Permittee shall not store hazardous wastes in tanks or containers at the Facility for more than one year.
4. The Permittee shall not store RCRA regulated hazardous waste at the Facility for longer than 90 days, pursuant to California Code of Regulations, title 22, section 66262.34. [Accumulation Time]
5. Permittee shall conduct hazardous waste management activities authorized under this Permit only within the permitted areas.
6. The Permittee shall manage all sludges generated from tank and equipment cleaning activities as hazardous waste.
7. The Permittee shall post a sign with the legend, "Dangerous Hazardous Waste Area – Unauthorized Personnel Keep Out" at each entrance to the active portion of the facility, and at other locations, in sufficient numbers to be seen from any approach to this active portion. The legend shall be legible from a distance of a least 25 feet.

8. While ignitable or reactive waste is being handled, the Permittee shall confine smoking and open flame to specially designated locations. "No Smoking" signs shall be conspicuously placed wherever there is a hazard from ignitable or reactive wastes.
  
9. The Permittee shall not route truck traffic through North Richmond residential neighborhoods. Truck traffic access to and from Ecology Control Industries shall be limited from Richmond Parkway to Parr Boulevard. (See Figure 2: Map Showing Traffic Flow To and From ECI Site).

## **PART VI. CORRECTIVE ACTION**

1. DTSC has determined that there has been a release of hazardous constituents at the Facility based on the "Initial Assessment of Soil Quality in the Tank Pad Vicinity Report," dated May 2005. Permittee submitted a revised Work Plan Addendum dated July 25, 2006 for further assessment of soil quality in the vicinity of the Tank Staging Area. This Work Plan was conditionally approved in a letter dated January 12, 2007.
2. The Permittee shall conduct corrective action at the Facility pursuant to Health and Safety Code, section 25200.10. Corrective action shall be carried out in accordance with Corrective Action Consent Agreement P2-06/07-005, entered into with DTSC and dated February 21, 2007.
3. In the event the Permittee identifies an immediate of 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.
4. 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 SWMUs, the Permittee is required to conduct corrective action. Corrective action will be carried out either under a Corrective Action Consent Agreement or Unilateral Corrective Action Order pursuant to Health and Safety Code, section 25187.

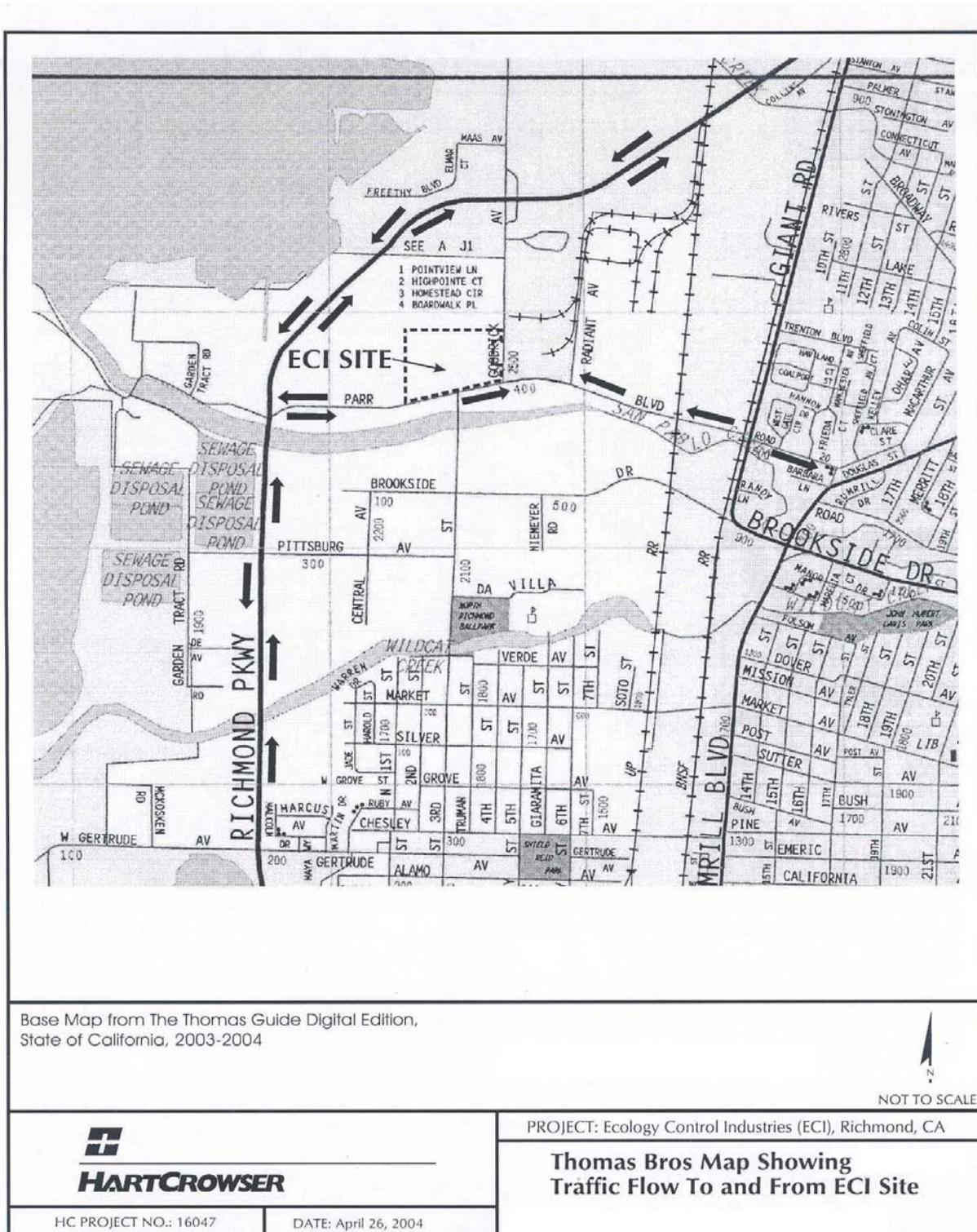
Figure 1: Facility Location Map



**Facility Location Map**

255 PARR BLVD.  
RICHMOND, CA 94801

Figure 2: Map Showing Traffic Flow To and From ECI Site



Base Map from The Thomas Guide Digital Edition,  
State of California, 2003-2004



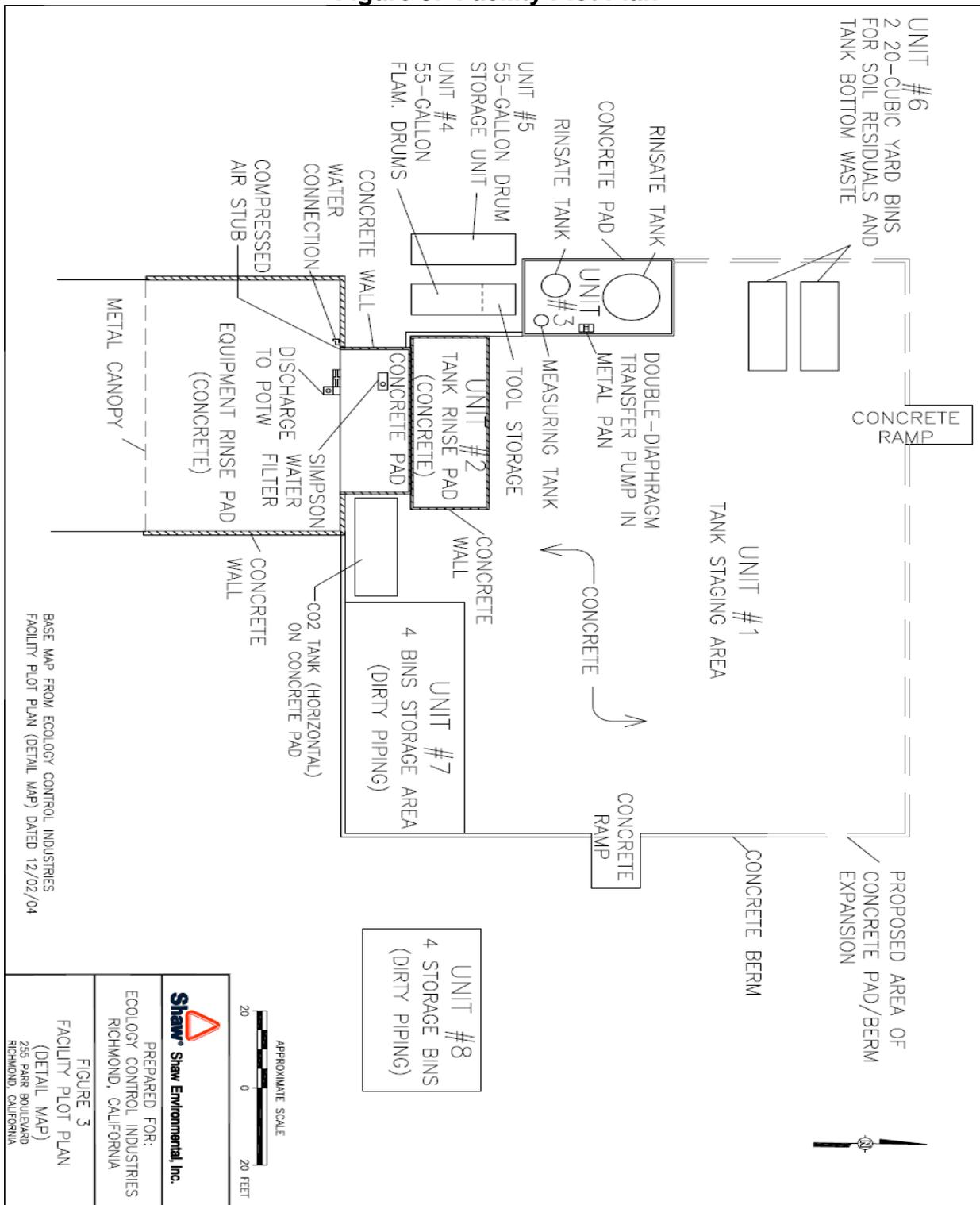
PROJECT: Ecology Control Industries (ECI), Richmond, CA

Thomas Bros Map Showing  
Traffic Flow To and From ECI Site

HC PROJECT NO.: 16047

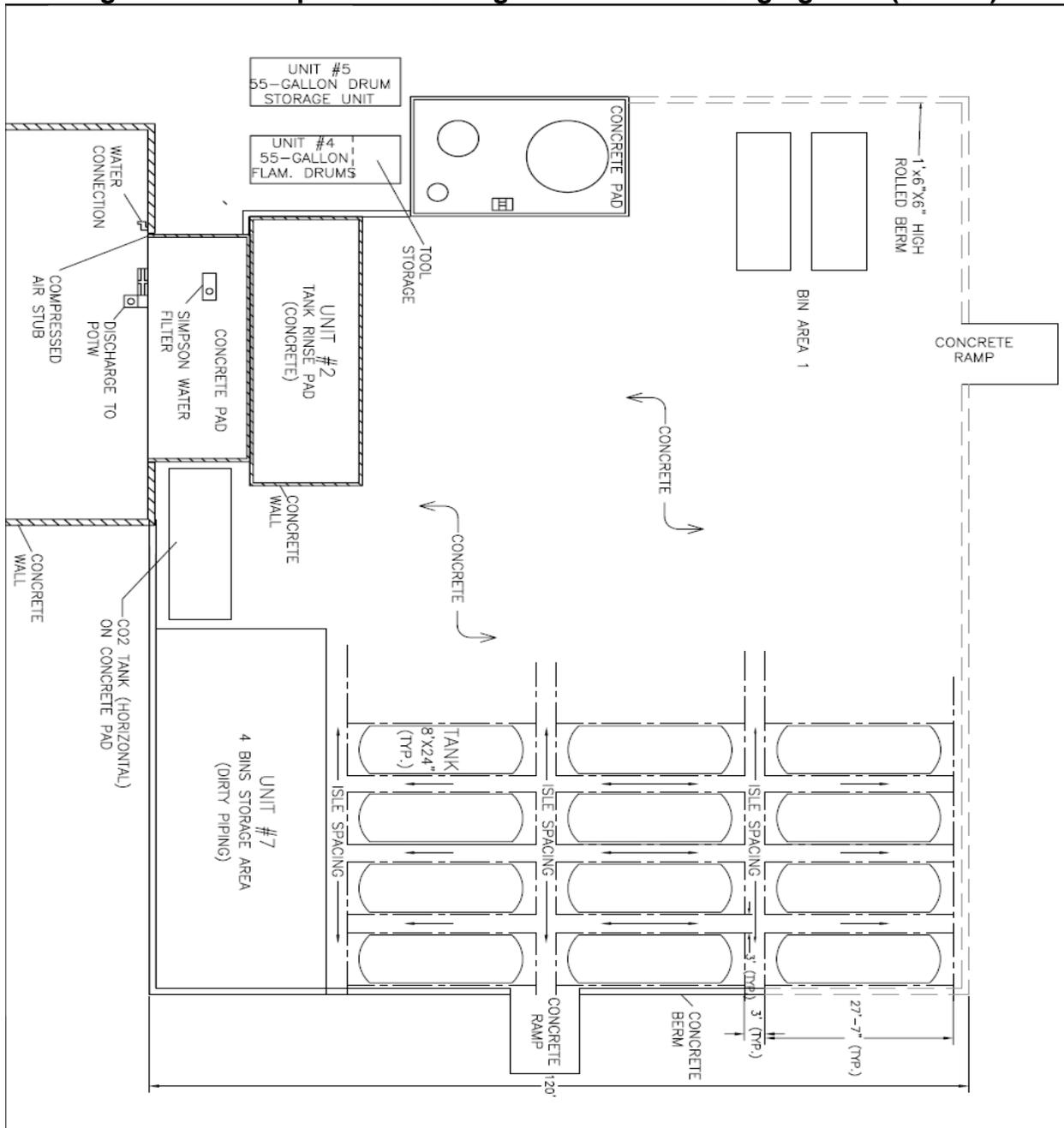
DATE: April 26, 2004

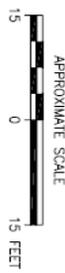
**Figure 3: Facility Plot Plan**



 <p><b>Shaw Environmental, Inc.</b></p>	PREPARED FOR: ECOLOGY CONTROL INDUSTRIES RICHMOND, CALIFORNIA
	FIGURE 3 FACILITY PLOT PLAN (DETAIL MAP) 255 PARR BOULEVARD RICHMOND, CALIFORNIA

**Figure 4: Aisle Space and Configuration of Tank Staging Area (Unit #1)**




<p>REFERENCE:                  REVISED FROM HARTGROWSER                  FIGURE 2 DATED APRIL 12, 2004.</p>
<p>APPROXIMATE SCALE</p>  <p>15 0 15 FEET</p>
<p><b>Shaw</b> Shaw Environmental, Inc.                  PREPARED FOR:                  ECOLOGY CONTROL INDUSTRIES                  RICHMOND, CALIFORNIA</p>
<p>FIGURE 15                  CONFIGURATION OF TANKS                  IN TANK STORAGE AREA                  255 PARR BOULEVARD                  RICHMOND, CALIFORNIA</p>

**Figure 5: Aisle Space and Configuration of Drum Storage Areas Units # 4 and # 5**

