

**STANDARDIZED PERMIT SERIES DETERMINATION
A, B, C and SMALL QUANTITY C**

Asbury Environmental Services
2549 Scott Avenue
Chico, CA 95927

CAL000827844

Facility Name/Address

EPA I.D. Number

December 29, 2006

Date

Determine the total volume of hazardous waste treated, or that will be treated, per month and/or the total storage design capacity under the Standardized Permit authorization at this facility. Please check the box that indicates the highest volume of hazardous waste managed.

A. Total hazardous waste treatment volume and/or weight regulated under the standardized permit:

0 gallons/month liquid and/or 0 pounds or tons/month solid.

B. Total hazardous waste storage capacity, at any one time, regulated under the standardized permit:

50,000 gallons liquid and/or <100,000 pounds or tons/solid.

SERIES	TOTAL MONTHLY TREATMENT VOLUME	TOTAL FACILITY STORAGE DESIGN CAPACITY	CHECK ONE
A	Greater than 50,000 gallons. Greater than 100,000 pounds.	Greater than 500,000 gallons. Greater than 500 tons.	
B	Greater than 5,000 gallons and less than 50,000 gallons. Greater than 10,000 pounds and less than 100,000 pounds.	Greater than 50,000 gallons and less than 500,000 gallons. Greater than 100,000 pounds and less than 500 tons.	
C	Less than 5,000 gallons. Less than 10,000 pounds.	Less than 50,000 gallons. Less than 100,000 pounds.	X
SMALL QUANTITY C	Less than 1,500 gallons. Less than 3,000 pounds.	Less than 15,000 gallons. Less than 30,000 pounds.	

GALLONS - LIQUID HAZARDOUS WASTE
POUNDS/TONS - SOLID HAZARDOUS WASTE

Region _____

For DTSC Use Only

STANDARDIZED PERMIT NOTIFICATION FOR EXISTING OR PROPOSED HAZARDOUS WASTE FACILITIES

Please refer to the instructions available from DTSC before completing this form.

Initial Notification for New Facility

Revised/Renewal Notification for Existing Facility

I. FACILITY INFORMATION

EPA ID NUMBER CA L 0 0 0 8 2 7 8 4 4 BOE NUMBER (if available) H HQ

NAME (Company or Facility) Asbury Environmental Services
(DBA--Doing Business As)

FACILITY ADDRESS 2549 Scott Avenue
 CITY Chico CA ZIP 95927
 COUNTY Butte County

LOCATION (list major cross streets, or nearby landmark)
Located 1 mile west of U.S. Interstate 99 on Scott Avenue, between Park Ave. and Fair Street

(Latitude & Longitude) Lat: 39°42'47" North Long: 121°48'32"

CONTACT PERSON Domino Rosemary
(Last Name) (First Name)

TITLE Director of Environmental Affairs

TELEPHONE NUMBER (323) 268 - 3387

II. MAILING ADDRESS, IF DIFFERENT:

COMPANY NAME (DBA) Asbury Environmental Services
 STREET 1300-South-SantaFe-Avenue

CITY Compton STATE: CA ZIP 90221-

COUNTRY _____
(Complete only if not USA)

CONTACT PERSON Domino Rosemary
(Last Name) (First Name)

TELEPHONE NUMBER (323) 268 - 3387

STANDARDIZED PERMIT NOTIFICATION FOR EXISTING OR PROPOSED HAZARDOUS WASTE FACILITIES

III. FACILITY OPERATOR INFORMATION

NAME Asbury Environmental Services
 (Last Name) (First Name)

ADDRESS 2549 Scott Avenue

CITY Chico STATE CA ZIP 95927 -

TELEPHONE NUMBER(800) 727 - 2879

IV. FACILITY OWNER INFORMATION

NAME Northgate Petroleum
 (Last Name) (First Name)

ADDRESS 2549 Scott Avenue

CITY Chico STATE CA ZIP 95927 -

COUNTRY _____
 (Complete only if not USA)

TELEPHONE NUMBER(530) 342 - 6504

OWNERSHIP STATUS: Federal State Public Private

V. LAND OWNER INFORMATION

NAME Same as Facility Owner
 (Last Name) (First Name)

ADDRESS _____

CITY _____ STATE _____ ZIP _____ -

COUNTRY _____
 (Complete only if not USA)

TELEPHONE NUMBER(_____) _____ -

VI. DESCRIPTION OF BUSINESS ACTIVITIES: SIC CODES 2992 NAICS: 324191

VIII. HAZARDOUS WASTE INFORMATION FOR ENTIRE SITE

A. 3 Total number of hazardous waste storage units

_____ Number of storage units under full HW facility permit

3 Number of storage units under standardized permit

B. 0 Total number of hazardous waste treatment units

_____ Number of treatment units under full HW facility permit

_____ Number of treatment units under standardized permit

_____ Number of treatment units under HW permit by rule

_____ Number of treatment units under HW conditional authorization

_____ Number of treatment units under HW conditional exemption

C. Briefly describe all hazardous waste treatment and/or storage activities to be conducted at the facility. Include treatment under a full permit, Permit by Rule, treatment under Conditional Authorization, treatment under Conditional Exemption, and storage and/or treatment under the Standardized Permit. Annotate the description of each of the storage/treatment activities as Permit By Rule (PBR), Conditional Authorization (CA), Conditional Exemption (CE), or Standardized Permit (SP) as appropriate. Note that detailed unit-specific information forms for each unit that is or will be authorized under the Standardized Permit are required attachments to this notification. (Modify the form if more spaces are needed)

Standardized Permit, Series C Facility for storage and transfer of used oil/waste oil, oily water and used antifreeze, 1 x 10,000 gallon waste oil AST; 1 x 1,000 gallon waste antifreeze / oily water AST; and 7'6" x 11'10" drum storage area.

Note: A 1 x 500 gallon DIY Public Recycling Waste Oil AST exists, but is not part of this permit application.

STANDARDIZED PERMIT NOTIFICATION FOR EXISTING OR PROPOSED HAZARDOUS WASTE FACILITIES

IX. REQUIRED ATTACHMENTS

- A. A scaled map to show the facility location including major freeways and cross streets.
- B. A scaled diagram to show the facility site/plot map indicating the buildings, parking lots, and landscape areas.
- C. A scaled diagram to show the locations of hazardous waste management units to be permitted under the standardized permit.
- D. A unit description information sheet for each of the hazardous waste storage and/or treatment units that will be under the Standardized Permit.

X. OWNER CERTIFICATION

"I certify that the unit or units described in these documents will meet the eligibility and operating requirements of state statutes and regulations for the standardized permit tier. I understand that I am required to provide financial assurance for this facility, and I am required to conduct a corrective action program as part of the standardized permit application to be submitted to the Department of Toxic Substances Control."

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who will manage the system or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for known violations."

S. F. "Bud" Caldwell

President

Name (Print or Type)

Title

Signature

Date Signed

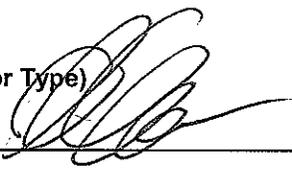
XI. OPERATOR CERTIFICATION

"I certify that the unit or units described in these documents will meet the eligibility and operating requirements of state statutes and regulations for the standardized permit tier. I understand that I am required to provide financial assurance for this facility, and I am required to conduct a corrective action program as part of the standardized permit application to be submitted to the Department of Toxic Substances Control."

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who will manage the system or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for known violations."

Steven Kerdoon

President

Name (Print or Type) _____
 Signature 

Title _____
 Date Signed 12/29/06

II. LAND OWNER CERTIFICATION

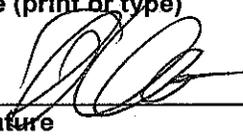
I [We] certify under penalty of law that I [we] am [are] familiar with the operations conducted by Asbury Environmental Services [Names of Operators] of Asbury Environmental Services [Name of Facility] at 2549 Scott Avenue, Chico, CA 95927 [address] on the property owned by Northgate Petroleum [owner's name or his/her designee], that I [we] have reviewed this permit application, and to the best on my [our] knowledge, information, and belief, find it to be true and accurate. I [We] understand this application is being submitted for the purpose of obtaining a Standardized Permit to operate a hazardous waste storage and treatment facility.

I [We] understand fully that I [we], as the land owner, located thereon, am [are] jointly and severally responsible for compliance with applicable provisions of the California Health and Safety Code, its implementing regulations and any permit issued pursuant to the applications of these regulations.

S.F. "Bud" Caldwell President
 Name (print or type) Title

 29 Dec 06
 Signature Date

Steven Kerdoon President
 Name (print or type) Title

 12/29/06
 Signature Date

HAZARDOUS WASTE FACILITY STANDARDIZED PERMIT UNIT-SPECIFIC FORM

(NOTE: copy this form, and complete a separate form for each hazardous waste management unit that is or will be regulated under the Standardized Permit)

UNIT NAME Tank Farm

I. STORAGE AREA

DIMENSIONS OF CONTAINER STORAGE AREA OR TANK FARM (length and width)	PROCESS CODE	# OF CONTAINERS OR TANKS	TOTAL STORAGE VOLUME	UNIT OF MEASURE
Tank Farm: 37'7" x 21'6"	S2	2	11,500	gallons

II. WASTE STORED

WASTE CODE(S)		WASTE DESCRIPTION	PROCESS CODE(S)	MAX. CONCENTRATION	ESTIMATED QUANTITY	UNIT OF MEASURE
RCRA	CA					
N/A	221, 612	Waste oil/Used oil	S2	100	1,000,000	Gallons
N/A	223	Oily Water	S2	100	50,000	Gallons
N/A	133, 134, 612, 135	Used Antifreeze	S2	100	100,000	Gallons
N/A	612	DIY Public Waste Oil	S2	100		Gallons

(Modify the form if more than 5 waste streams are stored in this unit)

III. DESCRIPTION AND LOCATION OF STORAGE UNIT

Standardized Permit, Series C facility for storage and transfer of waste oil/used oil, oily water, spent antifreezes. Facility is located 1 mile west of Highway 99 on Scott Avenue between Park Avenue and Fair Street. The tank farm sits on the southwest corner of the facility.

The DIY Public Recycling Tank sits within the tank farm, but is not part of this permit application.

HAZARDOUS WASTE FACILITY STANDARDIZED PERMIT UNIT-SPECIFIC FORM

(NOTE: copy this form, and complete a separate form for each hazardous waste management unit that is or will be regulated under the Standardized Permit)

UNIT NAME Drum storage

I. STORAGE AREA

DIMENSIONS OF CONTAINER STORAGE AREA OR TANK FARM (length and width)	PROCESS CODE	# OF CONTAINERS OR TANKS	TOTAL STORAGE VOLUME	UNIT OF MEASURE
Drum storage: 7'6" x 11'10"	S1	8 x 55	440	gallons

II. WASTE STORED

WASTE CODE(S)		WASTE DESCRIPTION	PROCESS CODE(S)	MAX. CONCENTRATION	ESTIMATED QUANTITY	UNIT OF MEASURE
RCRA	CA					
n/a	223, 352	oily solids	S1	100	6,000	Gallons

(Modify the form if more than 5 waste streams are stored in this unit)

III. DESCRIPTION AND LOCATION OF STORAGE UNIT

Standardized Permit, Series C facility for storage and transfer of waste oil/used oil, oily water, spent antifreezes. Facility is located 1 mile west of Highway 99 on Scott Avenue between Park Avenue and Fair Street. The tank farm sits on the southwest corner of the facility. The Drum Storage Unit sits north of the Tank Farm.

HAZARDOUS WASTE FACILITY STANDARDIZED PERMIT UNIT-SPECIFIC FORM
 (NOTE: copy this form, and complete a separate form for each hazardous waste management unit that is or will be regulated under the Standardized Permit)

UNIT NAME Truck Loading/Unloading Area

I. STORAGE AREA

DIMENSIONS OF CONTAINER STORAGE AREA OR TANK FARM (length and width)	PROCESS CODE	# OF CONTAINERS OR TANKS	TOTAL STORAGE VOLUME	UNIT OF MEASURE
Loading/Unloading Area 15'8" x 37'7"	S1	1 Loading/Unloading Area	6,500	gallons

II. WASTE STORED

WASTE CODE(S)		WASTE DESCRIPTION	PROCESS CODE(S)	MAX. CONCENTRATION	ESTIMATED QUANTITY	UNIT OF MEASURE
RCRA	CA					
n/a						

(Modify the form if more than 5 waste streams are stored in this unit)

III. DESCRIPTION AND LOCATION OF STORAGE UNIT

Standardized Permit, Series C facility for storage and transfer of waste oil/used oil, oily water, spent antifreezes. Facility is located 1 mile west of Highway 99 on Scott Avenue between Park Avenue and Fair Street. The tank farm sits on the southwest corner of the facility. The Drum Storage Unit sits north of the Tank Farm.

The Truck Loading/Unloading Area sits immediately east of the Tank Farm.

HAZARDOUS WASTE FACILITY STANDARDIZED PERMIT UNIT-SPECIFIC FORM

UNIT NAME N/A

I. TREATMENT PROCESS

PROCESS DESCRIPTION	PROCESS CODE	# OF EQUIPEMENT	PROCESS DESIGN CAPACITY	UNIT OF MEASURE
None				

II. WASTE TREATED

WASTE CODE(S)		WASTE DESCRIPTION	PROCESS CODE(S)	MAX. CONCENTRATION	ESTIMATED QUANTITY	UNIT OF MEASURE
RCRA	CA					
		N/A				

(Modify the form if more than 5 waste streams are treated by this process)

III. NARRATIVE DESCRIPTION OF TREATMENT UNIT

N/A

SUMMARY OF EQUIPMENT INFORMATION (EXCLUDING STORAGE DRUMS/CONTAINERS)

FACILITY EQUIPMENT NAME	PROCESS CODE	CAPACITY	DIMENSION	CONSTRUCTION MATERIAL	YEAR BUILT
Tank #1	S2	10,000	8'diam. x 27'4" length	Carbon Steel	Unknown, Est. 24 yrs.old
Tank #2	S2	1,000	4'diam. x 12'3" length	Carbon Steel	Unknown, Est. 24 yrs.old
Tank #3	S2	500	4'diam. x 6' length	Carbon Steel	Unknown, Est. 24 yrs.old

(Modify the form and insert additional rows if needed)

CODES TO BE USED IN THESE TABLES:

FACILITY EQUIPMENT NAME: The name or identification assigned by the Facility, e.g. Tank A, Furnace #1, etc.

PROCESS CODES: S1 – Storage in containers
 S2 - Storage in tanks
 T1 – Treatment in containers
 T2 - Treatment in tanks

CAPACITY: maximum equipment storage capacity or equipment monthly treatment rate

DIMENSIONS:
 Container or drums for treatment - diameter and height in inches (in), feet (ft),
 Tanks, reactors, vats, furnaces, filter press, etc. - diameter, length, width, and height in inches (in), feet (ft),
 Other Types of Units - appropriate units of measure; please clearly define the units.

CONSTRUCTION MATERIAL: carbon steel, stainless steel, fiberglass, etc.

YEAR BUILT: Enter the year when the equipment was built, if known; otherwise enter "unknown".

SECTION I – FACILITY IDENTIFICATION / LOCATION

A. FACILITY IDENTIFICATION

1. **Facility name**

Asbury Environmental Services

2. **EPA ID number**

CAL 000 827 844

3. **Address (street, city, state, county, zip code)**

2549 Scott Avenue, Chico, California, Butte County, 95927

4. **Telephone number**

(707) 693-6008

5. **Facility land use designation and surrounding land use, including schools, residences, hospitals, parks, etc.**

Northgate Petroleum Company Facility Size Total Acres: 1.37
(Asbury Environmental Services- Chico Transfer Site Area is 1,495 square feet)

The AES-Chico transfer site is located at 2549 Scott Avenue, Chico California, in Butte County. The transfer site is a small parcel located within the confines of Northgate Petroleum Company, a large petroleum distribution facility. The AES- Chico transfer site is located in the extreme southwest corner within the Northgate Petroleum Company, immediately adjacent to Scott Avenue.

Lat: 39°42'47" North

Long: 121°48'32" West

Parcel Number 005-520-010, Butte County Assessor

The nearest community to the facility is the City of Chico located 3 miles northeast of the facility.

The facility is immediately adjacent to the east by an auto dismantler and storage yard.

The nearest house is 0.2 miles south of the facility on Fair Street.

The facility is adjacent to the south to a household waste management recycling facility.

The nearest schools, Chico Christian School is 0.87 miles from the facility, at 2801 Notre Dame Blvd., Chico and Chapman Elementary School, is 0.92 miles from the facility, at 1071 East 16th Street, Chico.

The nearest hospital, Enloe Medical Center, is 3.2 miles from the facility, at Enloe Medical Center Hospital located at 1531 Esplanade, Chico.

The nearest place of worship, Neighborhood Church, is 1.2 miles from the facility at 2801 Notre Dame Blvd., Chico.

During winter the prevailing wind direction is from southeast and occasionally varies to the northwest. During summer the prevailing wind direction is from the south to southeast. See Appendix I-A, Maps, Appendix I-A-6, Wind Rose.

History

Prior to 1922, the land was vacant. In 1922, Puritz Oil operated a gas and diesel bulk storage facility using above ground storage tanks, truck parking, and warehousing. In August 1989, Northgate Petroleum Company acquired the property from Puritz Oil. Northgate Petroleum Company operates a large petroleum distribution facility which contains a fueling station for gasoline and diesel fuel, above ground storage tanks for bulk storage, truck parking, and a small waste transfer area.

In 1991 Evergreen Oil Company began operating the waste transfer area in the southwest corner of the Northgate Petroleum Company property. In December 30, 1997, the Department of Toxic Substances Control (DTSC) issued a Standardized Permit to Evergreen Oil Company. Located within the confines of the waste transfer area tank farm secondary containment is a 500-gallon Do-it-Yourself (DIY) tank that has been operated by North Valley Disposal and Recycling Center (NVDRC) since 1991 under Health & Safety Code 25250.11. NVDRC is located immediately adjacent to the waste transfer area. The local public brings their household waste oil to the NVDRC. The NVDRC accesses and uses the DIY tank as a drop-off point for the used oil received from local households. Although only personnel from the North Valley Disposal and Recycling Center access the DIY tank to pour in the waste oil collected from the public as well as schedule the waste oil tank's

contents to be pumped out and shipped to an appropriate recycling facility, AES-Chico performs the daily site and tank inspections as well as provide Financial Assurance for both closure assurance and sudden and accidental liability for the DIY tank."

January 3, 2002, Evergreen Oil Company filed a permit Modification with DTSC to transfer the standardized permit to Asbury Environmental Services. March 2003, DTSC issued the permit to Asbury Environmental Services. Asbury Environmental Services continues to operate the waste transfer facility.

6. **Environmental data of the facility, e.g. the depth to groundwater, distance to nearest surface water.**

Regional Geology

The site is located in the Sacramento Valley Province, a nearly level alluvial plain, separated geologically from the San Joaquin Valley to the south by a buried fault in the vicinity of Stockton. On the north, the Valley terminates at the Klamath Mountain foothills. The Valley is drained by the Sacramento River, passing through various flood basins.

Recent alluvium underlying the Valley intermingled with the numerous stream deposits of silt, sand, and gravels which were deposited by streams from the Sierra Nevada foothills to the east. These recent deposits consist mainly of reddish, sandy clay and black humus topsoils overlying unconsolidated sand, silt, clay, and gravel.

Butte County and the surrounding area are located on the western portion of a faulted and downwarped series of ancient metamorphic rocks of the Western Sierra Nevada Mountains. The City of Chico is located in a Seismic Hazard Zone 3 and there are no active faults (those that have moved in Holocene time, i.e. the last 11,000 years) within the city.

Regional Hydrogeology

The regional hydrogeology of the project site is considered to be in the northern Butte Basin, where groundwater occurs in unconsolidated alluvial fan deposits of the recent geologic past, sometimes referred to as the Modesto formation. It also occurs, deeper, in the underlying fanglomeratic sediments of low-to-moderate permeability, and in the Tuscan formation beneath them. Water

usually moves within individual formations, but does recharge to depth east of and within Chico itself. Regional static ground-water levels in the alluvium tend to fluctuate about 10 feet seasonally, and an additional 10 to 15 feet over cycles of wet and dry years.

Regionally, all waters ultimately drain to the Sacramento River floodplain. Comanche Creek, (located near the facility) has a small watershed (13.0 square miles) that extends approximately 6 miles up- stream into the Sierra Nevada foothills. The creek, which is also known as Edgar Slough and Crouch Ditch, flows along the southern fringe of the City of Chico before intersecting Little Chico Creek on the Sacramento River floodplain.

Site Specific Geology/Hydrogeology

The facility site is located on the alluvial plain of the Sacramento Valley. Site soil is classified as Redsluff Gravelly Loam, a fine-loamy alluvium derive from igneous, metamorphic, and sedimentary rocks over gravelly alluvium derived from volcanic rocks. This soil type has a moderately slow permeability near the soil surface (0 to 29 inches)

The site is located approximately 500 feet north of Comanche Creek, but outside of the 100-year floodplain.

Cleveland Hill fault is the closest active fault, approximately 17 miles to the southeast. The last movement of this fault occurred in 1975.

Depth to Groundwater

Groundwater has been recently measure in the near vicinity of the facility site as between 15 and 16 feet below ground surface. There are no known wells on the site or surrounding property.

Distance to Nearest Wetlands

1.5 miles to the east.

Distance to the Nearest Surface Water

Comanche Creek, 500 feet to the south.

This operation plan is for the renewal of an existing waste oil, oily water, and waste antifreeze transfer facility.

B. PREPARER OF STANDARDIZED PERMIT APPLICATION

Provide the following information regarding the person(s) preparing the facility's standardized permit application:

1. **Name of the firm, if applicable**

Asbury Environmental Services

2. **Name(s) and title(s) of the person(s) responsible for preparation of the operation plan**

Rosemary Domino, Director Environmental Affairs

3. **Work telephone number(s) of the person(s) responsible**

323-268-3387

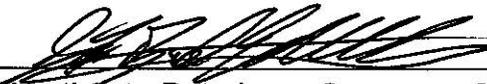
4. **Date and original signatures of the person(s) responsible**

December 29, 2006

C. OWNER / OPERATOR SIGNATURES AND CERTIFICATION

1. The following facility operator certification is required under California Code of Regulations (CCR), title 22, section 66270.11(d):

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I further certify that the property owner has been informed that a hazardous waste facility will be operated on the premises. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Owner, Northgate Petroleum Company, S.F. "Bud" Caldwell 28 Dec 06
Date



Operator, Asbury Environmental Services, Steven Kerdoon 12/29/06
Date

D. FACILITY LOCATION MAP AND SITE LAYOUT DIAGRAM

1. Legal property boundaries of the facility.

The AES - Chico transfer site is a small parcel located within the confines of Northgate Petroleum Company, a large petroleum distribution facility. Northgate Petroleum Company's parcel number is 005-520-010 and is shown on Butte County Assessor's Parcel Map. See Appendix I-A, Maps, Figure I-A-5, Assessor's Parcel Map and Appendix I-B, Legal Description.

The AES- Chico transfer site is located in the extreme southwest corner within the Northgate Petroleum Company immediately adjacent to Scott Avenue. The major cross streets are Scott Avenue and Park Avenue.

The AES - Chico facility is immediately adjacent to the south by North Valley Disposal, a solid waste recycling business.

Retail business such as MJB Welding Supply and Chico Collision Center are located across the street on Scott Avenue, west of the facility.

Retail businesses such as Industrial Power Products, MJB Welding Supply, and Tile City are located North of the facility on Park Avenue.

To the East of the facility borders an auto dismantler and storage yard.

The entrance to the facility is located on the northwest boundary of the facility. Immediately along the northeastern boundary of the facility are above ground storage tanks that belong to Northgate Petroleum Company. The south parcel of the facility houses the Northgate Petroleum Company office building. Located in the center of the facility are fueling terminals for gasoline and diesel fuels.

See Appendix I-A, Maps, Figure I-A-1, Facility Plot Plan/Legal Boundary Map.

2. All buildings and areas such as secondary containment, occupied by all storage and treatment units.

There are no buildings associated with waste management activities. The waste transfer area, tank farm and drum storage area, is located

along the southwestern boundary of the facility. See Appendix I-A, Maps, Figure I-A-1, Facility Plot Plan/Legal Boundary Map.

3. Include the name of each operation (e.g., Tank Farm A, Drum Storage Area #1, etc.)

AES-Chico has two waste transfer storage areas and one truck loading & unloading area. The tank farm storage area contains three above ground tanks. Currently there are two permitted above ground storage tanks and one public, Do-it-Yourself (DIY), waste oil storage tank, which operates under Health & Safety Code Section 25250.11. Only public waste oil / used oil received by North Valley Disposal and Recycling Center (NVDRC) may be transferred into the 500 gallon DIY tank by only NVRDC personnel. In the future the 500-gallon DIY tank may change service to a permitted non-DIY waste antifreeze tank.

The drum storage area may contain 8 X 55 gallon drums or any size drums not to exceed 440 gallons total drum storage volume. The truck loading and unloading area sits immediately East of the tank farm. See Appendix I-A, Maps, Figure I-A-2, Transfer Area Site Plan for details of the transfer area size. The total volume of waste permitted within the transfer storage area will not exceed 11,940 gallons.

4. The approximate dimensions of the property boundaries and of each storage and treatment area

Northgate Petroleum Company total facility size is 1.37 acres. The total size of the waste transfer area is 1,495 square feet. The transfer site is a small parcel located southwest within the confines of Northgate Petroleum Company. The tank farm storage area measures 37'7" x 21'6". The truck Loading and Unloading area measures 15'6" x 36' and sits immediately East of the tank farm storage area. The drum storage area is located immediately north of the tank farm and measures is 7'6" x 11'10". See Appendix I-A, Maps Figure I-A-1, Facility Plot Plan/Legal Boundary Map.

5. Security provisions (e.g., fences, gates, etc.)

The AES - Chico facility perimeter is surrounded by a barrier, at least six feet high chain link fence, and topped with bobbed wire. See Appendix I-A, Maps, Figure I-A-1, Facility Plot Plan/Legal Boundary Map.

The main gate of the transfer storage area is kept closed and locked when the facility is unattended.

The following signs are posted on the perimeter fence and on the main gate of the transfer storage area. The wording of each of these signs is provided below. Signs are visible from a distance of at least 25 feet.

- “Danger Hazardous Waste Storage Area Unauthorized Persons Keep Out” “Precaucion Zona de Residuos Peligrosos se prohíbe la entrada a personas desautorizadas”

6. Permanent access and internal roads

The AES - Chico facility is located approximately 1 mile west of Interstate 99 and East Park Avenue; on Scott Avenue between East Park Avenue and Fair Street. See Appendix I-A, Maps, Figure I-A-3, Access/Truck Traffic Map.

E. LEGAL DESCRIPTION OF PROPERTY

See Appendix I-B, Legal Description of Property

F. CONFIDENTIALITY REQUESTS AND JUSTIFICATIONS

In accordance with CCR, title 22, section 66260.2, any information submitted to DTSC may be claimed as confidential by the submitter. Any such claim shall be asserted at the time of submission. If no claim is made at the time of submission, DTSC may make the information available to the public without further notice.

In accordance with CCR, title 22, section 66260.2 AES - Chico will not claim any trade secrets at this time, this section does not apply to this operation plan.

DTSC’S MANAGEMENT OF TRADE SECRET INFORMATION: The two copies of the Plan and supporting documents submitted to DTSC, that contain a trade secret item for which the above questions have been answered, will be maintained in controlled files. The copy with the trade secrets deleted will be placed in a file that is open for public inspection.

Appendix I-A, Maps

FIGURE I-A-1
Facility Plot Plan/Legal
Boundary Map

Asbury Environmental Services
2549 Scott Avenue
Chico, CA 95928

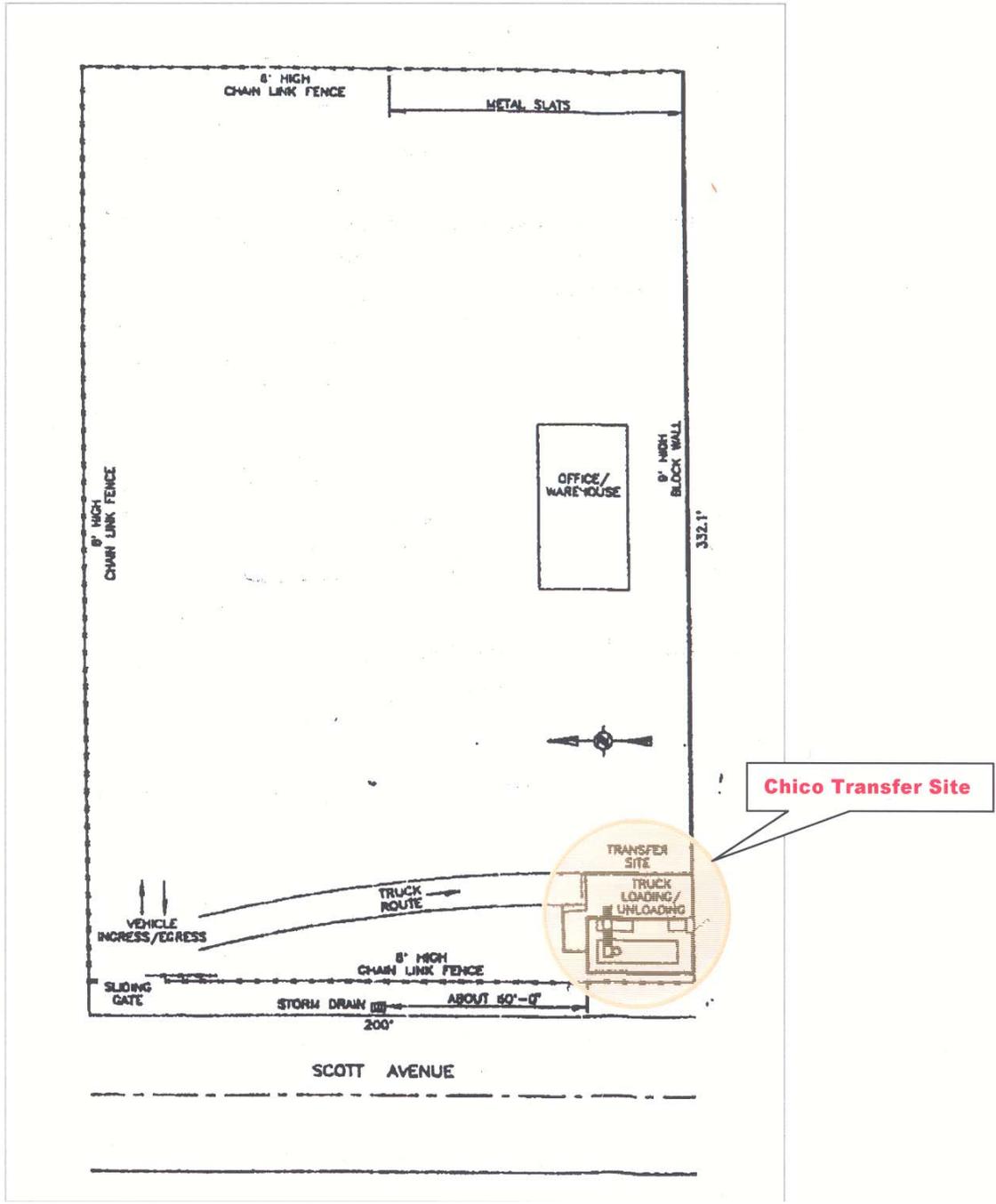
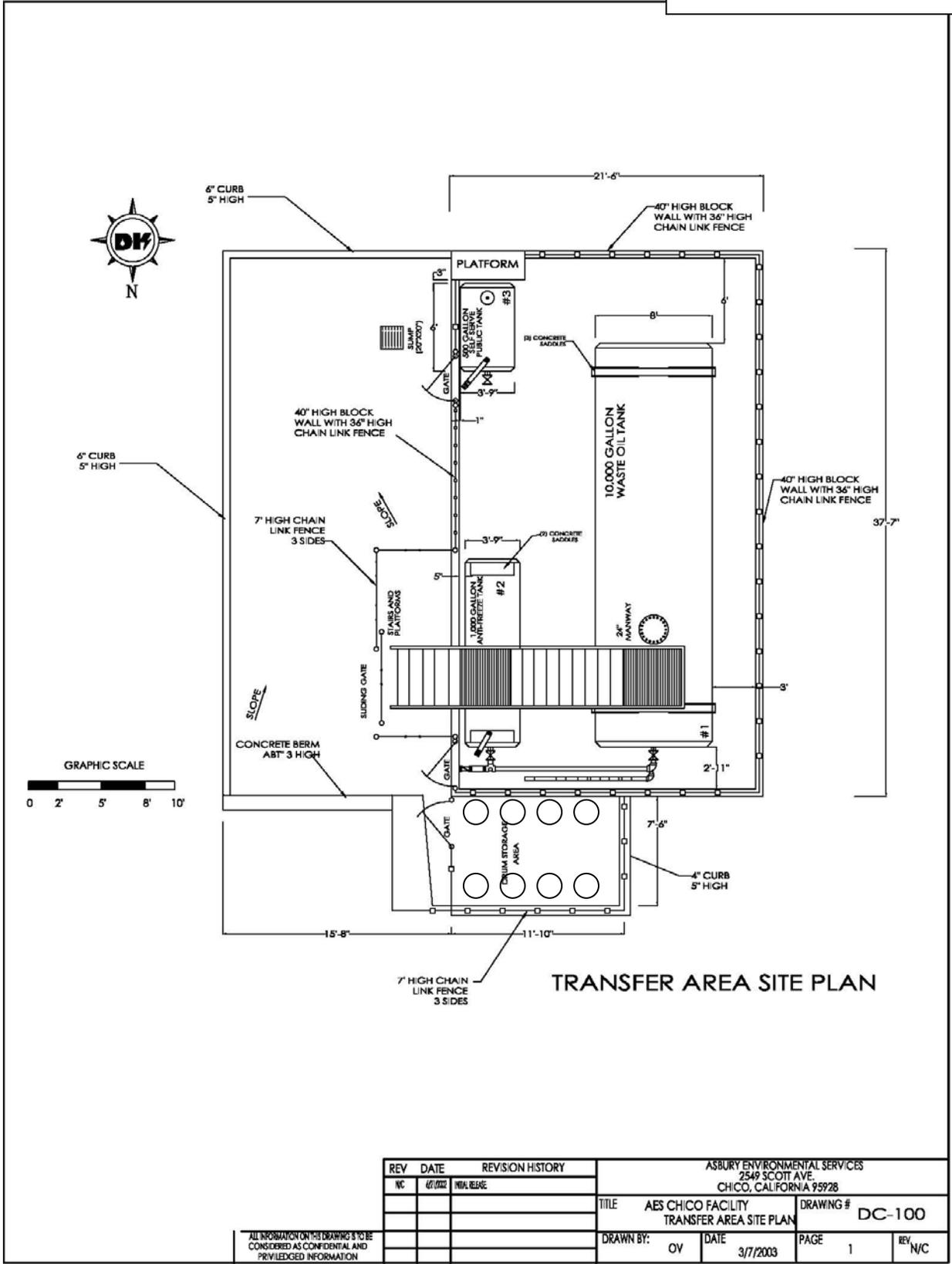


FIGURE I-A-2
Transfer Area Site Plan



TRANSFER AREA SITE PLAN

REV	DATE	REVISION HISTORY	ASBURY ENVIRONMENTAL SERVICES 2549 SCOTT AVE. CHICO, CALIFORNIA 95928				
NC	4/2/03	INITIAL REDGE	TITLE	AES CHICO FACILITY TRANSFER AREA SITE PLAN		DRAWING #	DC-100
			DRAWN BY:	OV	DATE	3/7/2003	PAGE 1 REV. N/C

ALL INFORMATION ON THIS DRAWING IS TO BE CONSIDERED AS CONFIDENTIAL AND PRIVILEGED INFORMATION

FIGURE I-A-2a
Transfer Area Site Plan
(Future Containment
Slab Extension)

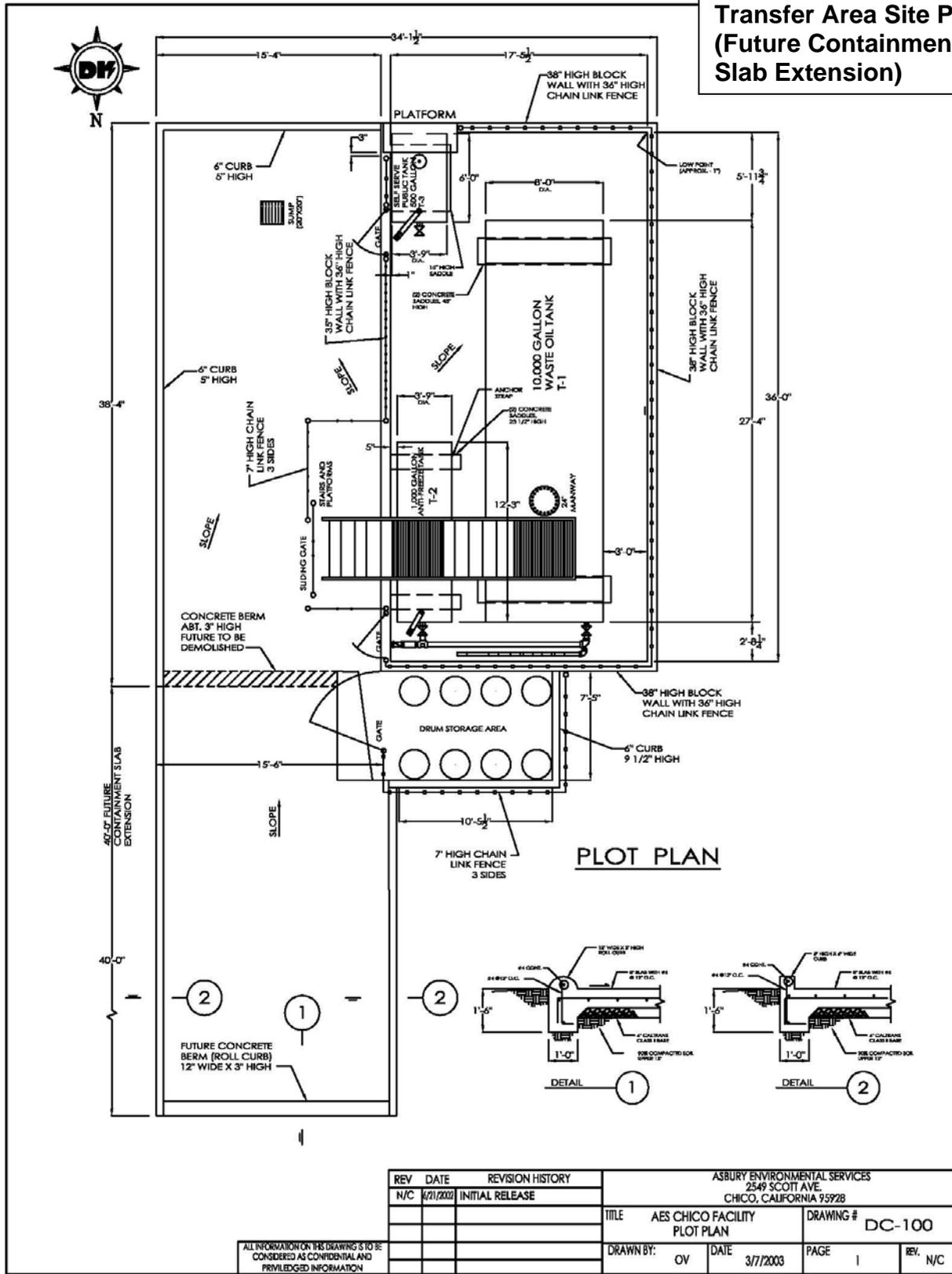
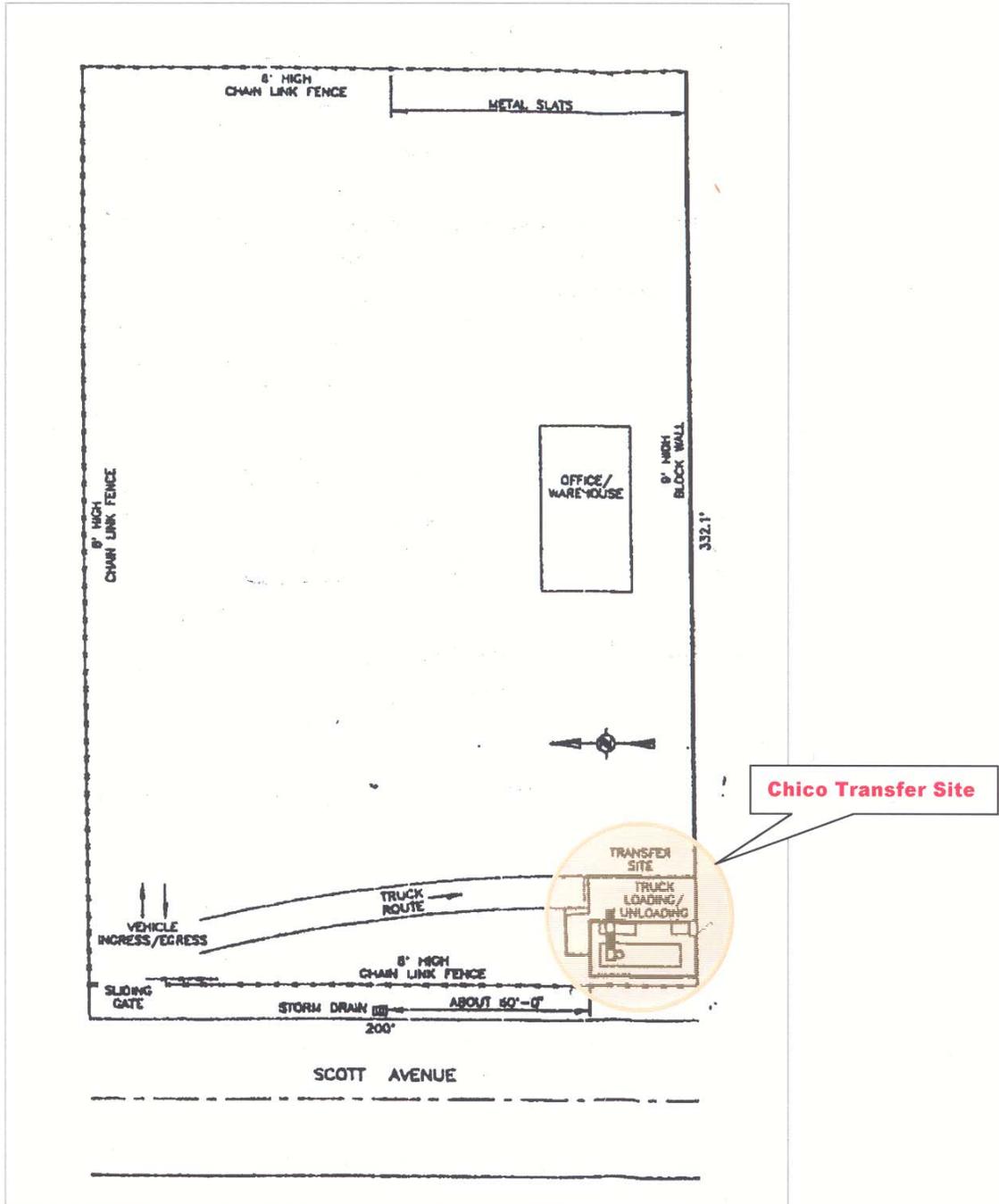


FIGURE I-A-3
Access/Truck Traffic
Map

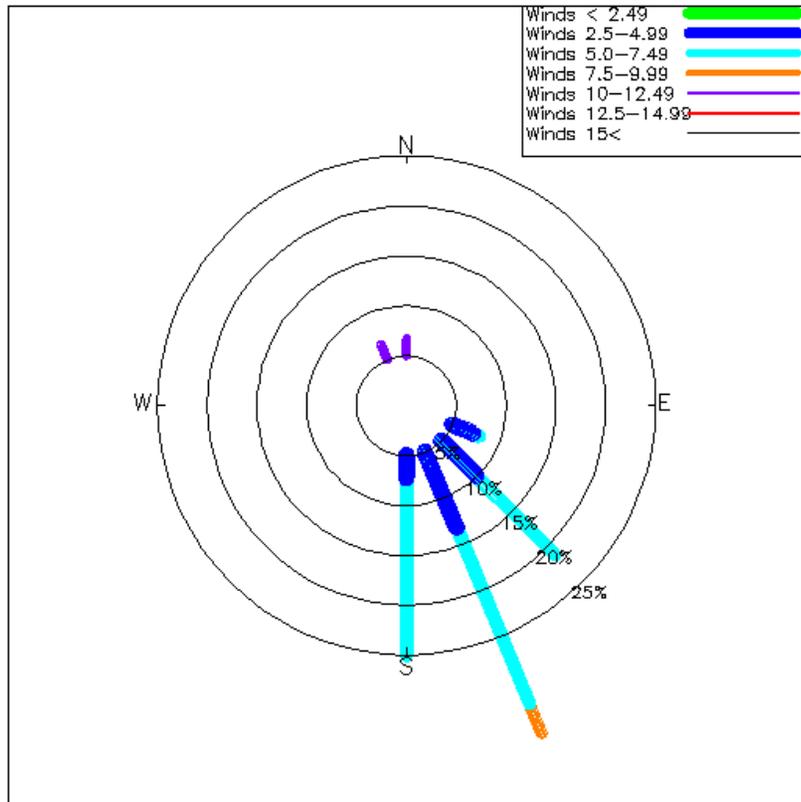
Asbury Environmental Services
2549 Scott Avenue
Chico, CA 95928



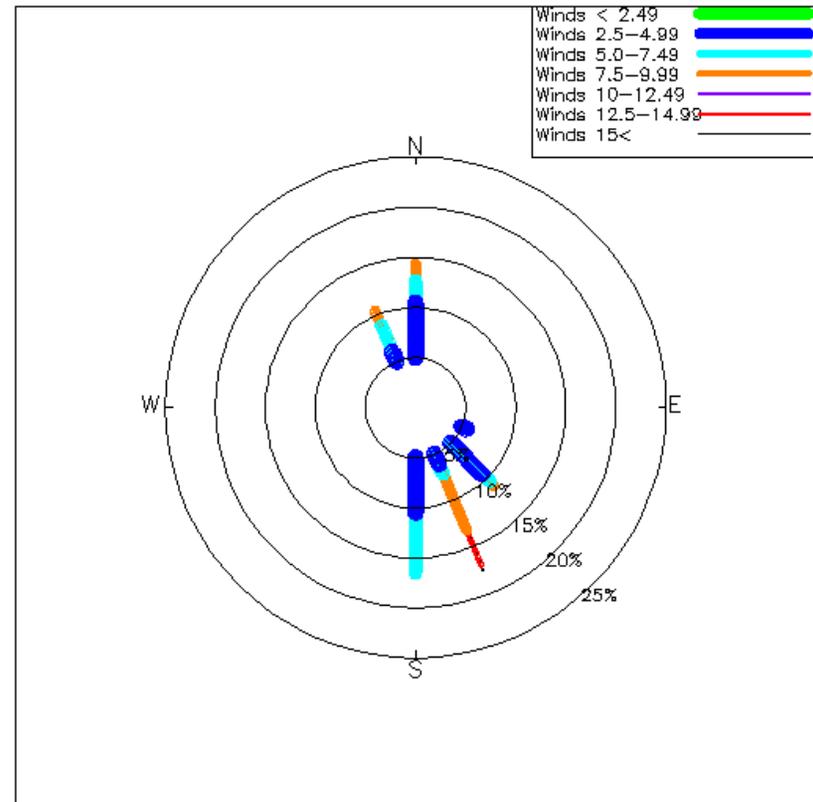
**FIGURE I-A-6
 Wind Rose**

RBL, Summer (Jun, Jul, Aug) 1997–2001 at 0000 (UTC)

RBL, Winter (Dec, Jan, Feb) 1997–2001 at 0000 (UTC)



Wind speeds in m/s (152 reports)



Wind speeds in m/s (182 reports)

Appendix I-B, Legal Description

89-33564

14

RECORDING REQUESTED BY:
 BIDWELL TITLE & ESCROW COMPANY

ORDER # 2-144014-JCW

AND WHEN RECORDED MAIL TO

Name: NORTHGATE PETROLEUM CO.
 Street Address: P.O. Box 3938
 Chico, CA 95927
 City & State:

MAIL TAX STATEMENTS TO

Name: Same as above
 Street Address:
 City & State:

89-033564 Rec Fee 5.00
 Official Records DOC 220.00
 County of Butte Total 225.00
 BIDWELL TITLE CO.
 Candace J. Grubbs Recorder
 8:00am 5-Sep-89 VS 1

SPACE ABOVE THIS LINE FOR RECORDER'S USE

AP # 5-52-10

Individual Grant Deed

THIS FORM FURNISHED BY BIDWELL TITLE & ESCROW COMPANY

The undersigned grantor(s) declare(s):
 Documentary transfer tax is \$ 220.00
 computed on full value of property conveyed, or
 computed on full value less value of liens and encumbrances remaining at time of sale.
 Unincorporated area: () City of _____, and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

JOSEPH PURITZ and SHIRLEY PURITZ, husband and wife

hereby GRANT(S) to NORTHGATE PETROLEUM COMPANY, a California corporation

the following described real property in the
 County of Butte, State of California:

The South 200 feet of Lot 2, as shown on that certain Map entitled, "Braselton & Ferrell's Subdivision No. 1", which map was recorded in the office of the Recorder of the County of Butte, State of California, February 6, 1924 in Book 9 of Maps, at page 16.

Dated: August 31, 1989

Joseph Puritz
 Joseph PURITZ

Shirley Puritz
 SHIRLEY PURITZ

STATE OF CALIFORNIA
 COUNTY OF Butte } ss
 On September 1, 1989 before me, the undersigned, a Notary Public in and for said State, personally appeared Joseph Puritz and Shirley Puritz

personally known to me or proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged that they executed the same.
 WITNESS my hand and official seal.

Signature: *Jolleen Whitsett*

OFFICIAL SEAL
 JOLLEEN WHITSETT
 NOTARY PUBLIC - CALIFORNIA
 COUNTY OF BUTTE
 Comm. Exp. Feb. 22, 1991

(This area for official notarial seal)

FORM 878 (REV. 11-87)

SECTION II – FACILITY OPERATION AND HAZARDOUS WASTE MANAGEMENT PRACTICE

A. Facility Description:

1. Manufacturing processes employed and products manufactured

There are no products manufactured at Asbury Environmental Services – Chico (AES – Chico). AES- Chico is not a manufacturing Facility and does not employ manufacturing processes.

AES- Chico is a storage and transfer facility for California regulated hazardous waste (non-RCRA hazardous waste) of Waste Oil, Waste Antifreeze, and Oily Water.

Hazardous wastes generated or received

Hazardous Waste Generated

All hazardous waste generated at the AES- Chico facility are a result of receiving off-site waste for storage and transfer. AES- Chico may generate both liquid and solid wastes. All waste, liquid and solids, contained in non-bulk containers (i.e. drums) will be staged within the drum storage area.

Solids such as oily absorbent, used PPEs, and oily debris are generated as a result of daily routine operations, housekeeping, and facility maintenance. The solid debris are consolidated into a DOT approved drum and transported off-site to a permitted treatment / recycling facility for proper management.

As waste oil is transferred from tank to truck, oily sludge/solids are captured within a strainer basket that is attached to the hose being used during transfer activities. The strainer basket contents are emptied and consolidated into a DOT approved drum after each transfer activity. The drum is transported off-site to a permitted treatment/recycling facility for proper management.

Oily sludge/solids captured within the strainer basket may be managed separately or consolidated into a DOT approved drum along with the solids such as oily absorbent, used PPEs, and oily debris that were generated as a result of daily routine operations, housekeeping, and facility maintenance. All waste drums are

characterized appropriately prior to shipment off site for treatment and/or disposal.

Liquids from line/hose flushes after the transfer of liquid operation is completed are captured in a small container. The content of that container is transferred directly into the designated tank.

Liquids from samples are consolidated in small container and that container content is poured into the designated tank or a DOT approved drum.

Hazardous Waste Received

Asbury Environmental Services collects used oil and antifreeze from known generators and manifests these wastes to the AES-Chico facility where they are temporarily stored in tanks. When sufficient volumes of waste are collected at the AES-Chico facility, the wastes are transported off-site to a permitted treatment/recycling facility for proper management.

All hazardous waste received by AES- Chico is received at the tank farm loading and unloading secondary containment area. The non-RCRA hazardous wastes that will be received by AES- Chico fall under the following categories:

- a) **Used Oil/Waste Oil.** Examples of this category include;
 1. Used motor oils, transmission fluids, engine lubricating oils, hydraulic oils, compressors oils, gear oil, metal working oils, and oil spill cleanup.
 2. Household Used Oil /Waste Oil – Do-it-Yourself
 - b) **Used Antifreeze (Glycols).** Examples of this category include used antifreeze coolant and used glycols.
 - c) **Oily Water.** Examples of this category include water mixtures that have been contaminated with Used Oil / Waste Oil or Used Antifreeze (Glycols) including; rain water, spill cleanup, bilge water, clarifier cleanout, tank cleanout, and wastewaters from general maintenance activities.
2. **Hazardous wastes management, e.g. storage in less than 90-days, stored in drums or tanks, or treated in containers or tanks**

AES- Chico may store on-site generated wastes in DOT approved containers within the drum storage area secondary containment

system.

Used Oil / Waste Oil, Oily Water, and Waste Antifreeze are consolidated into appropriate tanks for storage prior to shipment off-site for recycling, appropriate treatment, or disposal at an authorized facility. Waste may be stored in tanks up to 1 year prior to shipment off-site for proper disposal.

The Public brings household Used Oil / Waste Oil to the North Valley Disposal and Recycling Center (NVDRC) located adjacent to the AES-Chico transfer facility. NVDRC accepts the Public's household waste and then transfers / pours the collected Used Oil /Waste Oil into the 500 gallon Do-it-Yourself (DIY) tank located within the AES-Chico transfer area. Once the DIY tank is full, NVDRC calls a hazardous waste transporter to pump and transport the contents of the 500 gallon DIY tank, using a hazardous waste manifest or the Consolidated Manifest Procedures, to a permitted facility for recycling and/or disposal. Should Asbury Environmental Services (AES), a permitted hazardous waste transporter, be contacted to pump out the 500 gallon DIY tank, AES will pick up the used oil in accordance with Title 22, CCR Chapter 29.

- Tank 1 has only primary service as used oil/waste oil.
- Tank 2 has only primary service as waste antifreeze and secondary service as oily water. The Waste Antifreeze/Used Antifreeze and the Oily Water waste types are not mixed together. Tank 2 is completely emptied before a different waste stream is placed into the tank.
- Tank 3 has primary service as DIY Public recycling Used oil/waste oil and secondary service as non-DIY waste antifreeze.

Prior to a change in service from DIY used oil / waste oil to Non-DIY waste Antifreeze, AES-Chico will:

- a) Send a notice of change of service letter to DTSC seven (7) days prior to the date of the planned change in service for the tank. The same notification will be sent when the tank is schedule to change back the original usage of the tank.
- b) Prior to a change in service from DIY used oil / waste oil to Non-DIY waste antifreeze, AES-Chico will pressure

wash the inside of the tank to remove all visible waste residues before the usage is changed.

- c) AES-Chico will retain, at the Facility, copies of self-certification reports of every change in tank service usage.

B. Manufacturing process flow diagrams showing hazardous wastes generation

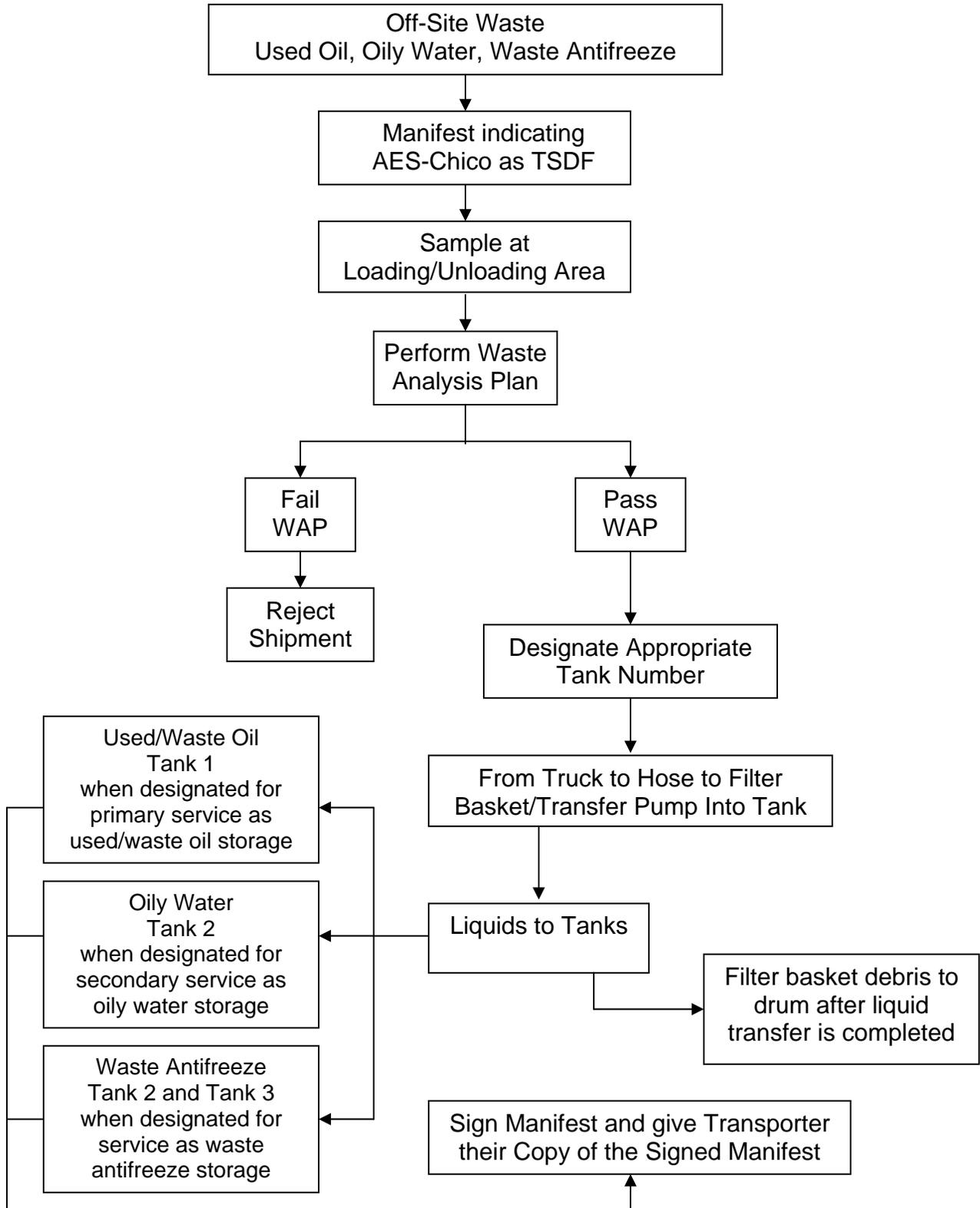
N/A, AES - Chico does not employ manufacturing processes.

C. Process flow diagrams showing how and where the hazardous wastes are treated and stored

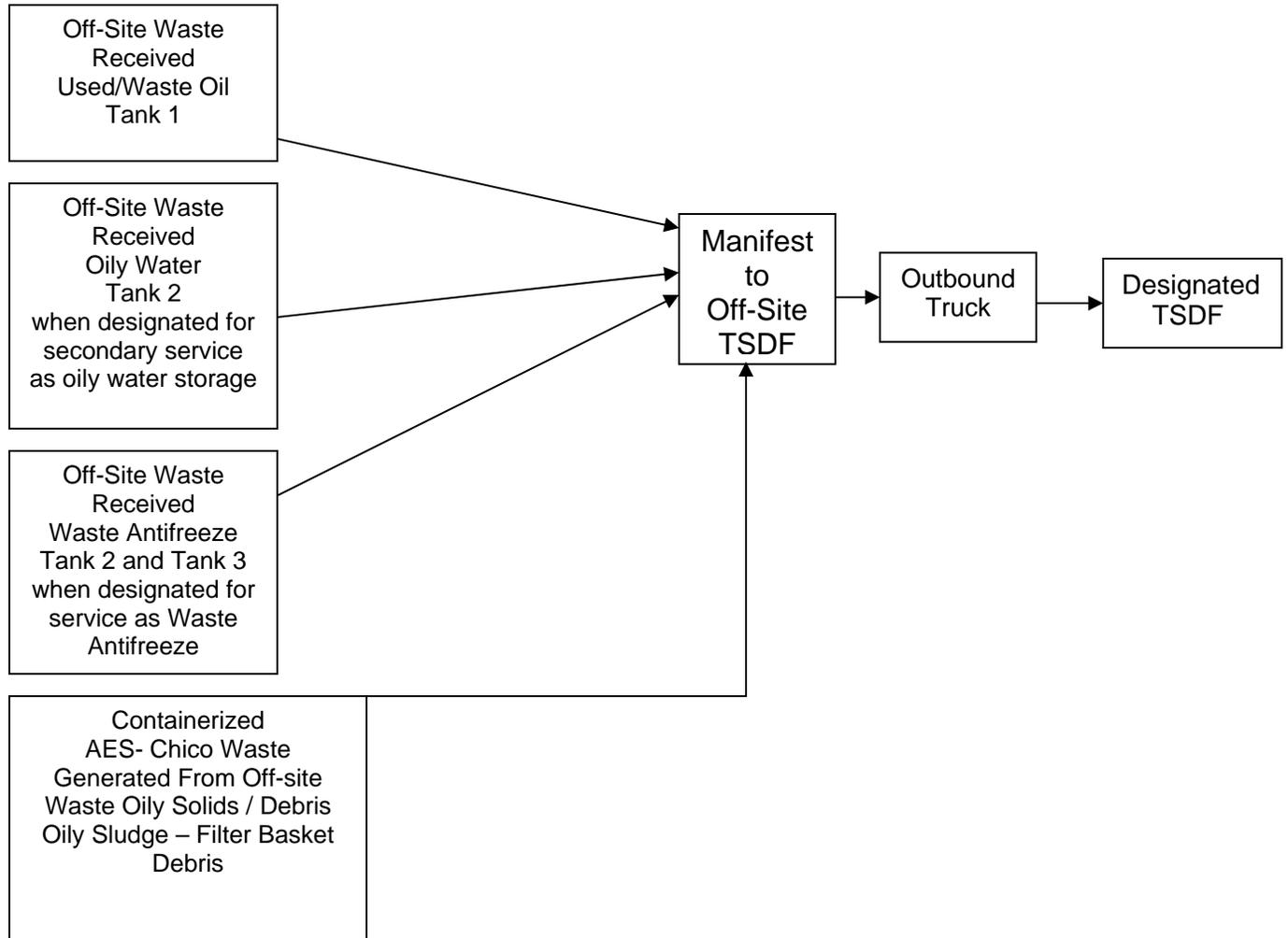
See Appendix II-A, Flow Diagrams.

Appendix II-A, Flow Diagrams

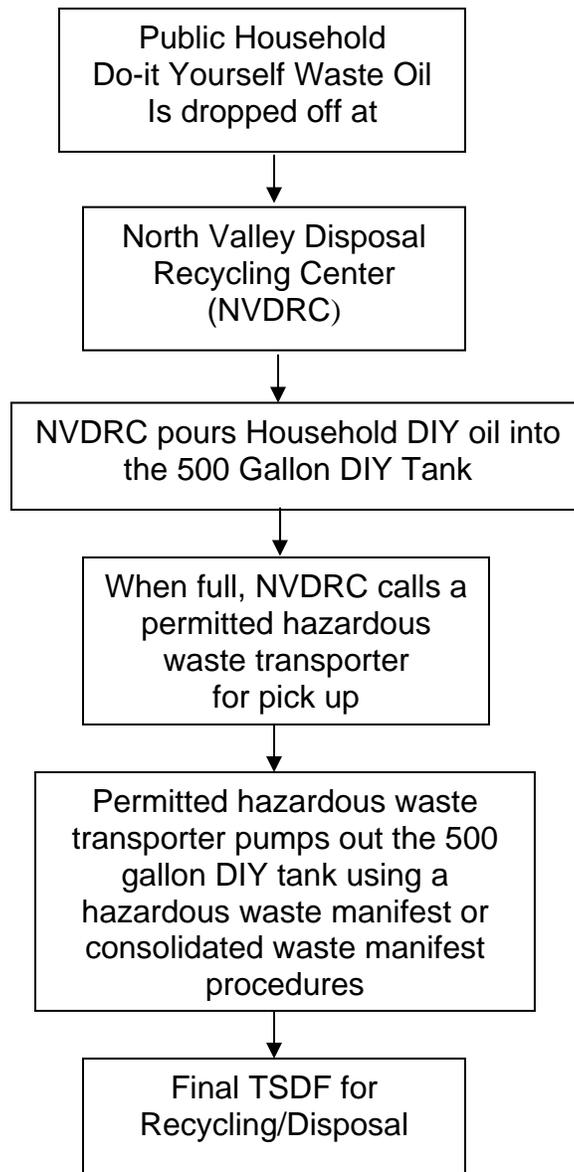
AES - Chico Waste Transfer System/ Waste In



AES- Chico Waste Transfer System/Waste Out



**North Valley Disposal Recycling Center
Do-It-Yourself (DIY) 500 Gallon Tank
(Located within AES-Chico Hazardous Waste Transfer Area)
Flow Diagram**



SECTION III – WASTE ANALYSIS PLAN

A. Description of Waste Streams Types:

The following waste streams are accepted and managed by AES - Chico:

TABLE III-1						
	Names of Waste Streams	USEPA Waste Codes	California Waste Codes	Hazards	Hazardous Constituents	Process or industry that generates the waste
A	Used Oil / Waste Oil	None N/A	221, 612	Toxic	Possible Organic Halides	Automotive service stations Truck fleets, Auto Fleets, Community Recycling Centers, and Industrial Activities.
B	Waste Antifreeze	None N/A	133, 134, 135, 612	Toxic	Possible Organic Halides if oil phase is present	Automotive service stations Truck fleets, Auto Fleets, Community Recycling Centers, and Industrial Activities.
C	Oily Water	None N/A	223	Toxic	Possible Organic Halides, Lead, Chromium, Cadmium	Automotive service stations Truck fleets, Auto Fleets, Community Recycling, and Industrial Activities Centers AES Chico rainwater & routine facility maintenance
D	Oily Solids/Debris	None N/A	223, 352	Toxic	Possible Organic Halides, Lead, Chromium, Cadmium	AES- Chico waste from routine facility maintenance & housekeeping from receiving off-site waste
E	Oily Sludge	None N/A	223, 352	Toxic	Possible Organic Halides, Lead, Chromium, Cadmium	AES- Chico waste from routine facility maintenance & housekeeping from receiving off-site waste

B. Pre-acceptance Criteria

The Facility shall require generators to provide waste profiles before the Facility can receive and manage the waste. The Facility shall provide the criteria and require the data from generators. The generator can use his/her knowledge, published or documented data, or laboratory results to obtain a detailed chemical and physical analysis of a representative sample of the waste.

The wastes that will be managed by AES - Chico fall under the following five categories:

1. Used Oil/Waste Oil. Examples of this category include; used motor oils, transmission fluids, engine lubricating oils, hydraulic oils, compressors oils, gear oil, metal working oils, and oil spill cleanup.
2. Used Antifreeze (Glycols). Examples of this category include used antifreeze coolant and used glycols.
3. Oily Water. Examples of this category include water mixtures that have been contaminated with Used Oil / Waste Oil or Used Antifreeze (Glycols) including; rain water, spill cleanup, bilge water, clarifier cleanout, tank cleanout, and wastewaters from general maintenance activities.
4. Oily Solids. Examples of this category include solids that have been contaminated with Used Oil / Waste Oil, or Used Antifreeze (Glycols) including; tank bottoms, dirt, adsorbents, personnel protective equipment, trash, debris, and solids from general facility maintenance activities.
5. Oily Sludge. Examples of this category include liquid/sludge/solids that have been contaminated with Used Oil / Waste Oil, Contaminated Petroleum Products, Oily Wastes, or Used Antifreeze (Glycols) including; filter basket strainer debris, tank bottoms, liquid/sludge from general operations, maintenance, and housekeeping activities.

Prior to acceptance of any waste at AES - Chico it must first go through the pre-approval process. The only exceptions are the used oil and used antifreeze waste that is picked up using the Consolidated Manifesting Procedures. The pre-approval process centers on the Generator's Waste

Profile Sheet (profile). A copy of the blank profile can be found in Attachment III-A. The profile includes information concerning the generator, the waste stream, lab analysis, and a certification by the generator.

The AES - Chico personnel will review the profile for completeness and confirm if there is any indication that the waste is unusual or that more information is needed to evaluate the waste. When necessary, the generator or its agent will be contacted requesting clarifying information.

If the profile is acceptable, the generator is notified that it may ship this waste stream to AES - Chico. When the actual waste arrives, it is fingerprinted to confirm that it is the actual waste that was pre-approved. This fingerprinting is described in Section III.C.

As mentioned earlier, there are two waste streams, Used Oil and Used Antifreeze that are collected by using Consolidated Manifest Procedures as referenced in Health and Safety Code Section 25160.2 that do not need pre-approval. These wastes must arrive at AES-Chico with the consolidated manifests. When Used Oil and Used Antifreeze that are collected by using the Consolidated Manifest Procedures arrive at AES-Chico with the proper paperwork, they are sampled and fingerprinted as described in III.C. and fully handled and managed in accordance with this operating permit.

C. Inspection and Finger-printing:

For each incoming shipment, the Facility shall have tracking system to track the movement of wastes and fingerprinting results.

1. Inspection: The Facility must have procedures to inspect each shipment when wastes arrive. The inspection is to determine whether waste matches the identity of the waste specified on the accompanying manifests or shipping paper.

AES - Chico waste verification process consists of ensuring that a waste shipment conforms to the description on the profile and on the hazardous waste manifest. The analyses of a representative sample from the waste shipment should match the profile. The waste confirmation step is required for all hazardous waste streams shipped to the facility.

An AES-Chico Facility Operator will take a representative sample of each waste stream and then analyzed it for a set of

given parameters (fingerprint analyses). The analytical results are reviewed, and if the confirmation analytical results match the profile and the hazardous waste manifest, then the waste will be accepted.

2. Finger- Printing: After verifying the manifest, the AES-Chico Facility Operator shall take finger printing samples to analyze each incoming shipment.

(a) The number of samples: The AES-Chico Facility Operator shall take random samples from the drums/containers as follow for each waste type listed in the manifest:

Tank Truck:

- One sample per compartment

Drums:

- 1 drum: One sample
- 2 - 10 drums/containers: Two samples
- More than 10 drums: Three or 10% samples whichever is greater

(b) The finger printing tests:

Waste Stream A: Used Oil /Waste Oil

Table III-2			
Each Shipment Manifested as Used Oil/Waste Oil Will Have the Following Analysis Performed and Recorded as Indicated:			
Analysis	Description	Test Method	References
Total Organic Halides	Chlorinated solvents	EPA Method 9076, 9077, or 8010	(1), (2), (4)
pH (4)	pH	pH meter or paper, EPA Method 9040, 9041	(1), (3)
Color		Observation	

Notes:

1. U.S Environmental Protection Agency, "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods", SW-846, Third Edition, 1986.
2. Total organic halides must be less than 1,000 PPM unless rebutted. Oils containing total organic halides >1,000 PPM and not rebutted will not be received by AES - Chico facility.
3. pH is only measured when there is a separated water layer.
4. If when using a halogen test kit (EPA Method 9077), the sample turns clear or light gray, there may be too much water in the sample for this kit. Then, the Dextsil Hydrochlor-Q (or equivalent) kit should be used.

Table III-2(A)	
Fingerprint Testing/Discrepancy Criteria for Used Oil/Waste Oil AES - Chico Will Not Accept Used Oil/Waste Oil Outside of Those Acceptability Ranges as Indicated:	
Analysis Requires	Discrepancy Criteria
Color	Notably different from profile
Total Organic Halides	Must be less than 1,000 PPM unless rebutted
pH (1)	Must be > 2.0 & < 12.5

Note: (1) pH is only measured when there is a separated water layer.

Waste Stream B: Waste Antifreeze

Table III- 3			
Each Shipment Manifested as Waste Antifreeze Will Have the Following Analysis Performed and Recorded as Indicated:			
Analysis	Description	Test Methods	References
pH	PH	pH meter or paper, EPA Method 9040,9041	(1)
Specific Gravity	Hydrometer	ASTM D-1122	(2)
Total Organic Halides	Chlorinated solvents	EPA Method 9076, 9077, or 8010	(1), (3)
Color		Observation	

Notes:

1. U.S Environmental Protection Agency, "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods", SW-846, Third Edition, 1986.
2. ASTM Methods - American Society of Testing Materials Methods.
3. Total organic halide is only measured when there is a separated oil layer. Total organic halides must be less than 1,000 PPM. Oil layer containing total organic halides >1,000 PPM will not be received by AES - Chico facility.

Table III- 3(A)	
Fingerprint Testing/Discrepancy Criteria for Waste Antifreeze AES - Chico Will Not Accept Waste Antifreeze Outside of Those Acceptability Ranges as Indicated:	
Analysis Requires	Discrepancy Criteria
Color	Notably different from GWPW
pH	Must be >2.0 & <12.5
Specific Gravity	Within pre-approved ranges of 1.0 – 1.2
Total Organic Halides (1)	Total organic halides must be less than 1,000 PPM

Note:

1. Total organic halide is only measured when there is a separated oil layer.

Waste Stream C: Oily Water

TABLE III-4			
AES - Chico Analytical Laboratory Methods for Acceptance of Oily Water			
Each Shipment Manifested as Oily Water Will Have the Following			
Analysis Performed and Recorded as Indicated:			
Analysis	Description	Test Method	References
Color		Observation	
pH	pH	pH Meter or paper, EPA Method 9040, 9041	(1)
Total Organic Halides	Chlorinated Solvents	EPA Method 9076, 9077, or 8010	(1), (2)

Notes:

1. U.S Environmental Protection Agency, "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods", SW-846, Third Edition, 1986.
2. Oil Layer in the Oily Water containing total organic halides >1,000 PPM will not be received by AES - Chico facility.

TABLE III-4A	
Fingerprint Testing/Discrepancy Criteria for Oily Water	
AES - Chico Will Not Accept Oily Water Outside of Those Acceptability	
Ranges as Indicated:	
Analysis Requires	Discrepancy Criteria
Color	Notably different from GWPW
pH	Must be > 2.0 & < 12.5
Total Organic Halides (1)	Total organic halides must be less than 1,000 PPM

Note:

1. Total organic halide is only measured when there is a separated oil layer.

- (c) The sampling methods: The facility shall describe the sampling methods for liquid and solid waste.

Statistically Representative Sampling Technique:

Composite sampling is used for bulk liquids and random sampling is used for drums and bins received at the AES - Chico facility.

Sampling Device:

Sampling devices will vary depending upon the form and

consistency of the waste, and container type. In general, sampling will be conducted in accordance with USEPA SW-846.

Containers of free flowing liquids and slurries are typically sampled with a Coliwasa or thief sampler of sufficient length to reach the bottom of the container.

Horizontal tanks and tank trucks of free flowing liquids are typically sampled with a Coliwasa sampler of sufficient length to reach the bottom of the container.

The following steps are followed for a Coliwasa sampler:

1. Insert tube into liquid with stopper opened
2. Lower sampler into liquid
3. Pull rod to close the end of the tube
4. Remove tube from liquid
5. Lower sampler into a pail or container
6. Slowly release the stopper to allow sample to trickle out into the pail or container
7. Swirl sample pail or container to mix sample
8. Pour sample into pint-sized sample bottle and cap

Containers of solids and non-pumpable sludges are typically sampled with a trier sampler.

The following steps are followed for a trier sampler:

1. Insert the trier into the waste at a 40° angle from horizontal
2. Rotate the trier once or twice to cut a core of material
3. Slowly withdraw the trier making sure that the slot is facing upward.
4. Transfer the sample into a suitable container
5. Repeat the sampling procedure at different points and combine the sample samples in the same sample container
6. Close the sample container; attach the label, record and complete paperwork

Precision and Accuracy of Sampling Procedures:

These procedures are considered to have sufficient precision and accuracy to produce samples that are representative of the material being sampled because they are based on the guidelines in USEPA SW-846.

Rationale for Sampling Strategy Selected:

The sampling strategy was selected based on the guidelines in USEPA SW-846.

- (d) **Outgoing Waste Shipment:** to ensure the outgoing shipment can be accepted by designated treatment, storage or disposal (TSD facilities) and to ensure the completion of the treatment at the Facility, the Facility shall test the outgoing shipment or end-point material.

AES-Chico will require the receiving facility to test the waste transferred from AES-Chico and report each shipment results. AES-Chico will obtain and maintain these records.

(d)(1) Flash Point Testing Procedures

AES-Chico will require the receiving facility to test the flash point of the used oil/waste oil transferred from AES-Chico and report each shipment results. AES-Chico will obtain and maintain these records from the receiving facility.

The receiving facility will test the flash point using Pensky Martin Closed Cup ASTM D-93-79 or ASTM D-93-80 to ensure that the flash point is greater than 100°F in accordance to Health and Safety Code section 25250.1(a)(1)(C)(i). The test must be performed prior to the receiving facility accepting the load and the unloading of the transport vehicle (i.e., tanker truck, tanker trailer, etc.). The receiving facility can not commingle this load with other loads until the test results shows the used oil in not "hot." If the test results shows the load to be "hot" (i.e., flash point to be under 100 °F) then the waste in the AES-Chico storage tank, in addition to the load at the receiving facility, needs to be managed accordingly since the waste no longer is defined as Used Oil in accordance

to Health and Safety Code, section
25250.1(a)(1)(C)(i).

(d)(2) PCB Testing

Analysis to measure PCB concentration in Used Oil/Waste Oil is done to determine if the oil has been contaminated with PCB.

Each truck is not tested for PCB prior to unloading at AES-Chico. If the Used Oil/Waste Oil is to be shipped to a facility that is required to test for PCB in oil, it is not tested for PCB at AES-Chico. AES-Chico will require the receiving facility to test the waste transferred from AES-Chico and report each shipment results. AES-Chico will obtain and maintain these records from the receiving facility.

If any Used Oil/Waste Oil is to be shipped to any facility that is not required to test for PCB (out of state facilities), then the oil must first be tested for PCB using one of the following procedures:

- AES-Chico may test incoming trucks prior to unloading into the tank. If PCB is detected at a concentration of 2 ppm or greater a second sample shall be obtained and tested. The second sample shall be obtained using sampling equipment that is new or has been cleaned using an appropriate decontamination procedure.

If PCB is detected at a concentration of 2 ppm or greater, the retain samples from each pickup that was loaded into this truck are tested. If any retain sample is at a concentration of 5 ppm or greater, the entire truck is considered PCB contaminated and will be emptied and cleaned prior to reuse. All material will be shipped to a facility permitted to accept waste oil (used oil) with PCB contamination.

- AES-Chico may test the retain samples from each truck that was unloaded into the tank. If

all retain samples are at a concentration less than 5 ppm, the tank is released for shipment off-site. If any retain sample is at a concentration of 5 ppm or greater, the entire tank is considered PCB contaminated and will be emptied and cleaned prior to reuse. All material will be shipped to a facility permitted to accept waste oil (used oil) with PCB contamination

- "Waste oil (used oil) is unloaded into a storage tank. When the tank is full or ready for off-site shipment, the tank is sampled and tested for PCB. If there is no detectable PCB (results less than 2 ppm), the tank is released for shipment off-site. If the used oil contains PCBs at a concentration of 2 ppm or greater, a second sample shall be obtained and tested. The second sample shall be obtained using sampling equipment that is new or has been cleaned using an appropriate decontamination procedure.

If any PCB at a concentration of 2 ppm or greater are detected, the retain samples from each truck that was unloaded into this tank are tested. If any retain sample is at a concentration of 5 ppm or greater, the entire tank is emptied and cleaned prior to reuse, and all material is shipped to a facility permitted to accept waste oil (used oil) with PCB contamination.

(d)(3) High Halide Oil Procedures

1. When AES-Chico has determined that a used oil shipment contains more than 1,000 ppm total halogens, AES-Chico:
 - a. Shall reject the load pursuant to Health and Safety Code section 25160.6 and any other applicable requirements; or
 - b. May seek to demonstrate that the

rebuttable presumption under California Code of Regulations, title 22, section 66279.10(a), should be rebutted pursuant to California Code of Regulation, title 22, section 66279.10(b).

If AES-Chico seeks to rebut the presumption by demonstrating that the used oil does not in fact contain halogenated hazardous waste pursuant to California Code of Regulations, title 22, section 66279.10(b), (b)(1) and (2), AES-Chico shall follow the applicable procedures in condition 3 below.

2. AES-Chico may only accept a used oil shipment containing more than 1,000 ppm total halogens and manage it as used oil when the rebuttable presumption has been rebutted pursuant to California Code of Regulations, title 22, section 66279.10(b), (b)(1) and (2) using the procedures in condition 3.a. below or based on California Code of Regulations, title 22, section 662479.10(b)(3), (4), or (5).
3. AES-Chico shall use the following options for rebutting the rebuttable presumption pursuant to California Code of Regulations, title 22, section 66279.10(b), (b)(1) and (2).
 - a. Option 1. For used oil received from a single generator and when the generator provides a Waste Profile Sheet. The Permittee may not use this option when the generator is a commercial oil change operation, auto repair shop, or collection center where the used oil may have come from different sources.
 - i. AES-Chico may rebut the rebuttable presumption pursuant to California Code of Regulations, title 22, section 66279.10(b), (b)(1), and (2) only through analytical testing in accordance with the test methods specified in California Code of Regulations, title 22, section 66279.90(b) or by complying with conditions 3.a.ii through iv

- below, which are the only other means of demonstrating that the used oil does not contain halogenated hazardous waste for purposes of California Code of Regulations, title 22, section 66279.10(b), (b)(1) and (2);
- ii. AES-Chico shall obtain from the generator or transporter a copy of the Generator's Waste Profile Worksheet (Profile);
 - iii. The AES-Chico shall obtain a written certification letter from the generator stating that the generator's oil has been rebutted per 22 CCR sections 66279.10(b)(1) and (b)(2) and that the oil has not been mixed with halogenated hazardous wastes;
 - iv. AES-Chico shall review this documentation and confirm that the profile and certification letter: 1) is less than 365 days old, and 2) was analyzed by a laboratory certified in accordance with the Environmental Laboratory Accreditation Program by using the test methods specified in California Code of Regulations, title 22, section 66279.90(b);
 - v. AES-Chico shall maintain copies of all documentation required in condition 3.a.ii through iv above at the D/K Dixon facility located at 7300 Chevron Way, Dixon, CA 95620.
- b. Option 2. For used oil received from a single generator and when the generator does not provide a Waste Profile Sheet, AES-Chico may rebut the presumption only through analytical testing in accordance with the test methods specified in California Code of Regulation, title 22, section 66279.90(b) accompanied by a determination that the rebuttable presumption is rebutted pursuant to California Code of Regulations, title 22, section 66279.10(b), (b)(1) and (2).

- c. Option 3. For used oil received from multiple generators (Consolidated Loads) and when the transporter provides fingerprint test data for each generator using EPA Test Method 9077.
 - i. AES-Chico may only rebut the rebuttable presumption through analytical testing in accordance with the test methods specified in California Code of Regulations, title 22, section 66279.90(b) or by demonstrating that the used oil does not contain halogenated hazardous waste by satisfying condition 3.b.ii below.
 - ii. AES-Chico shall obtain the fingerprint test data referenced in 3.b above; and
 - 1. For any generator whose used oil has a concentration that exceed 1000 ppm total halogens, AES-Chico shall receive and have on file, located at the D/K Dixon facility, proper documentation and follow the procedures in Option 1 above; and
 - 2. The finger print test data shall demonstrate that the used oil collected from all the other generators has concentrations at or below 1000 ppm total halogens.
- d. Option 4. For used oil received from multiple generators (Consolidated Loads) and when the transporter cannot provide fingerprint data for each generator using EPA Test Method 9077, but the transporter has collected individual samples from each generator and retained the samples along with the load.
 - i. AES-Chico may rebut the rebuttable presumption only through analytical testing in accordance with the test methods specified in California Code of Regulations,

title 22, section 66279.90(b) or by demonstrating that the used oil does not contain halogenated hazardous waste by satisfying the conditions in 1 and 2 below.

1. AES-Chico shall obtain the individual retained samples from the transporter and test the retained samples using EPA Test Method 9077; and
 2. For any generator whose used oil has a concentration that exceeds 1000 ppm total halogens, AES-Chico shall receive and have proper documentation on file, located at the D/K Dixon facility, prior to acceptance and follow the procedure in Option 1 above.
- e. Option 5. For used oil received from multiple generators (Consolidated Loads) and when the transporter cannot provide fingerprint data or retained samples as discussed in Option 3 and 4 above, AES-Chico may rebut the rebuttable presumption only through analytical testing in accordance with the test methods specified in California Code of Regulations, title 22, section 66279.90(b) accompanied by a determination that the rebuttable presumption is rebutted pursuant to California Code of Regulations, title 22, section 66279.10(b), (b)(1) and (2).
- (d)(4) AES-Chico will perform annual testing on the waste received. Tables III-6 through Table III-8 identify the analysis to be performed annually.

Table III-5 Annual Outbound Testing Used Oil/Waste Oil			
Analysis	Description	Test Method	References
Total Organic Halides	Chlorinated solvents	9076, 9077, or 8010	(1)
pH	pH	9040, 9041	(1), (3)
API Gravity	Hydrometer	ASTM D-287	(2)
Cadmium	Total	6010, 7130, or 7131	(1)
Chromium	Total	6010, 7190, or 7191	(1)
Lead	Total	6010, 7420, or 7421	(1)
PCB	GC	8082	(1), (4)

Notes:

1. U.S Environmental Protection Agency, "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods", SW-846, Third Edition, 1986.
2. ASTM Methods - American Society of Testing Materials Methods.
3. pH is only measured when there is a separated water layer.
4. PCB. If the Used Oil/Waste Oil is to be shipped to a facility that is required to test for PCB in oil, it is not tested for PCB at AES - Chico. However, if any Used Oil/Waste Oil is to be shipped to any facility that is not required to test for PCB (out of state facilities), then the oil must first be tested for PCB prior to shipment off-site. Detection limits for both tank and/or truck is less than 2 ppm. If any PCB at a concentration of 2 ppm or greater are detected, then the retain samples from each tank and/or truck are tested. Detection limit for retain samples is less than 5 ppm.

Table III-6 Annual Outbound Testing Used Antifreeze			
Analysis	Description	Test Method	References
pH	pH	9040, 9041	(1)
Specific Gravity	Hydrometer	ASTM D-1122	(2)
Total Organic Halides	Chlorinated solvents	9076, 9077, or 8010	(1), (3)
Cadmium	Total	6010, 7130, or 7131	(1)
Chromium	Total	6010,7190, or 7191	(1)
Lead	Total	6010, 7420, or 7421	(1)

Notes:

1. U.S. Environmental Protection Agency, "Test Methods for Evaluating

- Solid Wastes: Physical/Chemical Methods", SW-846, Third Edition, 1986.
2. ASTM Methods – American Society of Testing Materials Methods.
 3. Total organic halide is only measured when there is a separated oil layer.

TABLE III-7 Annual Outbound Product Testing Oily Water			
Analysis	Description	Test Method	References
PH	pH	9040, 9041	(1)
Total Organic Halides	Chlorinated Solvents	9076, 9077, or 8010	(1) (3)
Specific Gravity	Hydrometer	ASTM D-1122	(2)
Bottom Sediment and Water	Water and Sediment by Centrifuge	ASTM D-96, D-1796, or D-4007	(2)
Cadmium	Total	6010, 7130, or 7131	(1)
Chromium	Total	6010,7190, or 7191	(1)
Lead	Total	6010, 7420, or 7421	(1)

Notes:

1. U.S. Environmental Protection Agency, "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods", SW-846, Third Edition, 1986.
2. ASTM Methods – American Society of Testing Materials Methods.
3. Total organic halide is only measured in the separated oil layer.

TABLE III-8 Annual Outbound Product Testing Oily Solids			
Analysis	Description	Test Method	References
PH	pH	9040, 9041	(1) (2)
Total Organic Halides	Chlorinated Solvents	9076, 9077, or 8010	(1)
Cadmium	TCLP	6010, 7130, or 7131	(1)
Chromium	TCLP	6010,7190, or 7191	(1)
Lead	TCLP	6010, 7420, or 7421	(1)

Notes:

1. U.S. Environmental Protection Agency, "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods", SW-846, Third Edition, 1986.
- (2) pH is only measured when there is a separated water layer.

D. Periodic/non Periodic Generator Profile Verification:

The Facility shall verify the generator's profile and pre-acceptance data periodically, e.g. annually. The Facility shall also require the generator submit new waste profile data when the Facility is notified or has reason to believe that the generator's process or operation has changed.

Frequency Wastes Will be Re-Evaluated:

Each waste stream, used oil, used antifreeze, and/ or oily water, from each generator will be reevaluated each year, or sooner if:

- The process generating the waste or the constituents in the waste changes, or
- An incoming waste shipment varies significantly from the approved Profile.

As part of the generator's annual profile verification process, AES - Chico requires that the generator submit a new, completed profile, or a written statement certifying that the waste has not changed from the previously approved profile.

Procedures if Change in Waste is Suspected:

When a waste shipment arrives that does not match the profile, the generator or his agent is contacted to try and resolve the discrepancy. Some cases can be resolved over the phone. In general, a discrepancy is considered resolved if a logical explanation for the discrepancy is obtained and the facility staff is convinced that the waste stream is the same as that profiled or described on the hazardous waste manifest. For example, a waste stream arrives that is almost entirely water and the generator confirms that this load is high in water because they washed out the bottom of the antifreeze tank, that had held the pre-approved waste stream, to inspect the tank. If the discrepancies are resolved, the profile may be updated to reflect the new information.

When a waste stream arrives that does not meet AES - Chico's acceptance criteria, the generator is notified and the shipment is rejected or shipped to an alternative facility if the generator or the generator's agent designates one.

Updating of Waste Analysis Plan:

The waste analysis plan (WAP) shall be kept up-to-date through the efforts of the Facility Manager. When the existing WAP proves to be inadequate, the Facility Manager will revise the plan. Additionally, the Facility Manager reviews the waste analysis plan once every year. Revisions to the plan are made as necessary.

Whenever a proposal to update the WAP is made, DTSC will be notified in accordance with Title 22, CCR, Section 66270.42 of the proposed revision(s) and the reason(s) for the revision(s).