

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER NO. 98-014

WASTE DISCHARGE REQUIREMENTS
FOR
TRAVEL CENTERS OF AMERICA, INC.
dba REDDING TRAVEL CENTER
SHASTA COUNTY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter Board) finds that:

- 1.1.1 Waste Discharge Requirements Order No. 95-105, adopted by the Board on 28 April 1995, prescribes requirements for the discharge of domestic wastewater from Redding 76 Auto/Truck Plaza to a subsurface leachfield. The existing requirements name National Auto/Truckstops, Inc., as the owner and operator of Redding 76 Auto/Truck Plaza. Redding 76 Auto/Truck Plaza is currently owned and operated by Travel Centers of America, Inc., a Delaware corporation. Travel Centers of America, Inc., dba Redding Travel Center, submitted a Report of Waste Discharge, dated 7 July 1997, reflecting ownership, name, and operational changes.
- 1.1.2 The property (Assessor's Parcel No. 055-260-25) is owned by Travel Centers of America, Inc. Travel Centers of America, Inc., dba Redding Travel Center, is hereafter referred to as the Discharger.
- 1.1.3 The Discharger owns and operates an auto/truck service facility at 19843 Knighton Road in Section 32, T31N, R4W, MDB&M, with surface drainage that may eventually reach or impact the Sacramento River, as shown on Attachment A, which is attached hereto and made part of this Order. The Discharger's operation consists of gasoline and diesel fueling islands, truck service and repair shop, restaurant, general store, and public sanitary facilities. Wastes generated include domestic sanitary waste, vehicle and facility maintenance wastewater, and stormwater runoff.
- 1.1.4 The Discharger discharges approximately 16,000 gallons per day (gpd) of domestic wastewater to an on-site package extended aeration treatment plant with a design capacity of 40,000 gallons. Discharge from the treatment plant is to an on-site subsurface leachfield system, as shown on Attachment B, which is attached hereto and made part of this Order. A site evaluation determined that the capacity of the leachfield is 33,000 gpd. The subsurface leachfield is underlain by the Redding Groundwater Basin. Groundwater is found at depths of 7 to 17 feet below the leachfield disposal area.
- 1.1.5 Approximately 4,000 gpd of non-stormwater, consisting of truck wash water and washdown water from the service bay, auto, and truck fueling islands, is pretreated by oil/water

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separators, a grit trap, and recycle system prior to being reused on-site. The primary pollutants in the non-stormwater are: detergents; total petroleum hydrocarbons (gasoline, diesel, fuel oil, and heavier ranges); oxygenates (methyl t-butyl ether); benzene; toluene; xylene; and ethylbenzene. The Discharger is unable to reuse all of the non-stormwater. In lieu of the recycle system, the Discharger proposes to treat the non-stormwater with activated carbon prior to discharging into a subsurface leachfield having a design capacity of 6,000 gpd.

1.1.6 The USEPA, on 16 November 1990, promulgated stormwater regulations (40 CFR, Parts 122, 123, and 124) which require specific categories of industrial facilities which discharge stormwater to obtain NPDES permits and to implement Best Available Technology Economically Achievable (BAT) and Best Conventional Pollutant Control Technology (BCT) to reduce or eliminate industrial stormwater pollution. The Discharger's standard industry code is not one of the specific categories requiring a stormwater permit. However, the Discharger has voluntarily prepared and implemented a Stormwater Pollution Prevention Plan and monitoring program for the facility's stormwater discharge.

1.1.7 The Board adopted a Water Quality Control Plan, Third Edition, for the Sacramento River Basin and the San Joaquin River Basin (hereafter Basin Plan), which designates beneficial uses, establishes water quality objectives, and describes an implementation program and policies to achieve those objectives for all waters of the Basin. These requirements implement the Basin Plan.

1.1.8 The beneficial uses of the Sacramento River downstream of the discharge are municipal and domestic, industrial and agricultural supply; water contact and noncontact recreation; esthetic enjoyment; navigation; groundwater recharge; fresh water replenishment; hydropower generation; and preservation and enhancement of fish, wildlife, and other aquatic resources.

1.1.9 The beneficial uses of the underlying groundwater are municipal, industrial, and agricultural supply.

1.1.10 The action to adopt waste discharge requirements for this facility is exempt from the provisions of the California Environmental Quality Act (CEQA), in accordance with Title 14, California Code of Regulations (CCR), Section 15301.

1.1.11 This discharge is exempt from the requirements of *Consolidated Regulations for Treatment, Storage, Processing, or Disposal of Solid Waste*, as set forth in Title 27, CCR, Division 2, Subdivision 1, Section 20005, et seq., (hereafter Title 27). The exemption, pursuant to Section 20090(b), is based on the following:

a. The Board is issuing waste discharge requirements, and

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b. The discharge complies with the Basin Plan, and

c. The wastewater does not need to be managed according to 22 CCR, Division 4.5, Chapter 11, as a hazardous waste.

1.1.12 The Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge, and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.

1.1.13 The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that Order No. 95-105 is rescinded and that Travel Centers of America, Inc., dba Redding Travel Center, its agents, successors, and assigns, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

1.2 Discharge Prohibitions

1.2.1 Discharge of wastes to surface waters or surface water drainage courses is prohibited.

1.2.2 By-pass or overflow of untreated or partially treated waste is prohibited.

1.2.3 Discharge of waste classified as _hazardous,_ as defined in Section 2521(a) of Title 23, CCR, Section 2510, et seq., (hereafter Chapter 15), or _designated,_ as defined in Section 13173 of the California Water Code, is prohibited.

1.2.4 Discharges from truck washing, refueling, or service facilities containing oil, grease, detergent, diesel, gasoline, or other petroleum products into surface waters or surface water drainage courses is prohibited.

1.3 Discharge Specifications (Non-Stormwater)

1.3.1 The discharge of treated non-stormwater to the leachfield in excess of the following limits is prohibited:

<u>Constituents</u>	<u>Units</u>	<u>30-Day Median</u>	<u>Daily Maximum</u>
MTBE	µg/l	<0.5	5 ¹
Benzene	µg/l	<0.5	5 ¹
Toluene	µg/l	<0.5	5 ¹
Ethylbenzene	µg/l	<0.5	5 ¹
Xylene	µg/l	<0.5	5 ¹

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Total Petroleum Hydrocarbons (3050 GCFID)	µg/l	<0.5	5 ¹
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¹The sum of the concentrations of MTBE, benzene, toluene, ethylbenzene, and xylene in any single sample shall not exceed 5 µg/l.

1.3.2 The maximum daily discharge flow of non-stormwater shall not exceed 6,000 gallons.

1.4 Discharge Specifications (General)

1.4.1 Neither the treatment nor the discharge shall cause a nuisance or condition of pollution as defined by the California Water Code, Section 13050.

1.4.2 The discharge shall not cause degradation of any water supply.

1.4.3 The discharge shall remain underground at all times.

1.4.4 The daily average discharge flow of domestic wastewater to the leachfield shall not exceed 33,000 gallons.

1.4.5 Objectionable odors originating at this facility shall not be perceivable beyond the limits of the Discharger's property.

1.4.6 Public contact with wastewater shall be precluded through such means as fences, signs, and other acceptable means.

1.5 Sludge Disposal

1.5.1 Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of in a manner that is consistent with Title 27 and approved by the Executive Officer.

1.6 Groundwater Limitations

1.6.1 The discharge, in combination with other sources, shall not cause underlying groundwater to contain waste constituents in concentrations statistically greater than background water quality.

1.7 Provisions

1.7.1 The Discharger shall comply with the Monitoring and Reporting Program No. 98-014, which is part of this Order, and any revisions thereto as ordered by the Executive Officer.

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- 1.7.2 The Discharger shall comply with the "Standard Provisions and Reporting Requirements for Waste Discharge Requirements," dated 1 March 1991, which are a part of this Order. This attachment and its individual paragraphs are commonly referenced as "Standard Provision(s)."
- 1.7.3 In the event of any change in control or ownership of land or waste discharge facilities described herein, the Discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be immediately forwarded to this office.
- 1.7.4 The Discharger must comply with all conditions of this Order, including timely submittal of technical and monitoring reports as directed by the Executive Officer. Violations may result in enforcement action, including Regional Board or court orders requiring corrective action or imposing civil monetary liability, or in revision or rescission of this Order.
- 1.7.5 A copy of this Order shall be kept at the discharge facility for reference by operating personnel. Key operating personnel shall be familiar with its contents.
- 1.7.6 The Board will review this Order periodically and will revise requirements when necessary.

I, GARY M. CARLTON, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on 23 January 1998.

GARY M. CARLTON, Executive Officer

KLC:djc
Attachments

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. 98-014
FOR
TRAVEL CENTERS OF AMERICA, INC.
dba REDDING TRAVEL CENTER
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DOMESTIC WASTEWATER TREATMENT SYSTEM MONITORING

PACKAGE TREATMENT PLANT

Effluent samples shall be collected just prior to discharge to the leachfield disposal area. Effluent samples should be representative of the volume and nature of the discharge. Time of collection of a grab sample shall be recorded. The following shall constitute the effluent monitoring program:

<u>Constituents</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Flow	mgd	Cumulative	Daily
Settleable Solids	ml/l	Grab	Monthly
Suspended Solids	mg/l	Grab	Monthly

DOMESTIC WASTEWATER LEACHFIELD

The Discharger shall inspect the leachfield monthly and note the presence or absence of saturated soils or standing liquid. Observations shall be included in the monitoring reports. In addition, grab samples shall be collected from the leachfield piezometers and monitoring wells as follows:

<u>Constituents</u>	<u>Wells</u>	<u>Unit</u>	<u>Sampling Frequency</u>
Depth to Groundwater	MW6A, MW7 and all leachfield piezometers	Feet, Inches	Monthly
Total Coliform	MW6A, MW7	MPN/100 ml	Quarterly
Chlorides	MW6A, MW7	mg/l	Quarterly
Nitrates	MW6A, MW7	mg/l	Quarterly

NON-STORMWATER TREATMENT SYSTEM MONITORING

OIL/WATER SEPARATOR

The oil/water separators shall be measured monthly and the oil level reported. The oil shall be removed, as appropriate, to prevent discharges into the leachfield. The last date of service of each oil/water separator, the quantity of oil removed, and ultimate disposal site for the oil shall be reported.

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INFLUENT

Influent samples shall be collected of the wastewater entering the activated carbon treatment system. Influent samples shall be collected at approximately the same time as the effluent samples and be representative of the discharge. The time of sample collection shall be recorded. The following shall constitute the influent monitoring program:

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Flow	gpd	Cumulative	Monthly
MTBE, Benzene, Toluene, Ethylbenzene, Xylene (EPA Method 602)	µg/l	Grab	Monthly
Total Petroleum Hydrocarbons (3050 GCFID)	µg/l	Grab	Monthly

EFFLUENT

Samples shall be collected of the effluent prior to discharging into the leachfield. Effluent samples shall be representative of the volume and nature of the discharge. The time of sample collection shall be recorded. The following shall constitute the effluent monitoring program:

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
MTBE, Benzene, Toluene, Ethylbenzene, Xylene (EPA Method 602)	µg/l	Grab	Monthly ¹
Total Petroleum Hydrocarbons (3050 GCFID)	µg/l	Grab	Monthly ¹

¹If any sample shows detectable MTBE, benzene, toluene, ethylbenzene, xylene, or total petroleum hydrocarbons, the Discharger shall immediately cease discharge and determine the contamination source. Discharges may resume when the constituent(s) concentrations meet Effluent Limitations B.1.

NON-STORMWATER LEACHFIELD

The Discharger shall inspect the leachfield monthly and note the presence or absence of saturated soils or standing liquid. Monthly, the depth to water shall be measured in all leachfield piezometers. The observations and measurements shall be included in the monitoring reports.

REPORTING

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In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly the compliance with waste discharge requirements.

Monthly monitoring reports shall be submitted to the Regional Board by the **15th day** of the following month.

The results of any monitoring done more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported to the Board.

Upon written request of the Board, the Discharger shall submit a report to the Board by **30 January** of each year. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.

The Discharger shall implement the above monitoring program as of the date of this Order.

Ordered by: _____ Original signed by _____
GARY M. CARLTON, Executive Officer

_____ 23 January 1998 _____
(Date)

KLC:djc

INFORMATION SHEET

TRAVEL CENTERS OF AMERICA, INC.
dba REDDING TRAVEL CENTER
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Travel Centers of America, Inc., a Delaware corporation, purchased the 22 acres at 19843 Knighton Road (Assessor's Parcel No. 055-260-25) from National Auto/Truckstops, Inc. Travel Centers of America, Inc., dba Redding Travel Center submitted a Report of Waste Discharge, dated 7 July 1997, reflecting ownership, name, and operational changes.

Redding Travel Center consists of gasoline and diesel fueling islands, truck service and repair shop, restaurant, general store, and public sanitary facilities. Wastes generated include domestic sanitary waste, non-stormwater, and stormwater runoff. Two domestic wells supply water for the facility operations.

Approximately 16,000 gallons per day (gpd) of domestic sanitary wastewater is treated by an on-site package extended aeration treatment plant with a design capacity of 40,000 gpd. The treatment plant effluent discharges to a leachfield with a design capacity of 33,000 gpd. Groundwater is found at depths of 7 to 17 feet below the leachfield disposal area.

Approximately 4,000 gpd of non-stormwater, consisting of truck wash water and washdown water from the service bay, auto, and truck fueling islands, is pretreated by a grit trap, two oil/water separators, and a zero discharge treatment system. Detergents are used in the washing process. The treated non-stormwater is used to supply water for pavement washing, truck washwater, and washdown water for the service bay and fuel islands. Excess water is stored in an aboveground concrete oil/water clarifier. The Discharger is unable to reuse all of the non-stormwater. Therefore, the Discharger is proposing to discharge the non-stormwater to a separate leachfield system having a design capacity of 6,000 gpd. The non-stormwater will be pre-treated by a grit trap, two oil/water separators, the oil/water clarifier, and two 900-pound activated carbon canisters connected in-series. The leachfield design allows the Discharger to distribute the effluent flow to specific leachlines. Piezometers have been installed to monitor groundwater depth adjacent to the leachfield.

The Discharger's standard industry code is 5541; therefore, the Discharger's stormwater is not regulated under the State Board's Revised General Industrial Stormwater permit. The Discharger has voluntarily prepared and implemented a Stormwater Pollution Prevention Plan and monitoring program for the facility's stormwater discharge.

Since the Discharger stores greater than 42,000 gallons of petroleum products underground, the Discharger has prepared a Spill Prevention Control and Countermeasure Plan to comply with the Code of Federal Regulations, 40 CFR, Part 112.