TCA ENVIRONMENTAL, INC.
223 Pioneer Blvd., Springboro, Ohio 45066
Phone: (513) 743-8909 Fax: (513) 743-8919

EPA Region 5 Records Ctr.
255883

RECEIVED
OHIO EPA
SEP 05 2000
SOUTHWEST DISTRICT

ENVIRONMENTAL REMEDIATION REPORT

at

Valley Asphalt
Dryden Road
Moraine, Ohio
Montgomery County

Prepared for:

Valley Asphalt
11641 Mosteller Road
Cincinnati, Ohio 45241

Prepared by:

David M. Scardino
Geologist/Environmental Scientist

*This report is **Company Proprietary**, and the confidential property of TCA Environmental , Inc. and the client. No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.*

TCA ENVIRONMENTAL. INC.
223 Pioneer Blvd., Springboro, OH 45066
Phone (513) 743-8909 Fax (513) 743-8919

REPORT

Environmental Remediation Report

Date: September 5, 2000

Site Descrip.: Valley Asphalt
Dryden Road
Moraine, Ohio
Montgomery County

Client: Valley Asphalt
11641 Mosteller Rd.
Cincinnati, Ohio 45241

This report is submitted in fulfillment of a proposal/contract between TCA Environmental, Inc., and the client

I. PURPOSE:

The purpose of this report is to describe the remedial actions which have taken place and will occur at the referenced site.

II. BACKGROUND:

On May 17, 2000, personnel from Valley Asphalt uncovered barrels during the excavation and installation of a new sewer line.

III. WORK SYNOPSIS:

1. On May 17, 2000, a TCA Environmental geologist, David M. Scardino, collected composite sample from the contents of the barrels which were uncovered in the excavation.
2. Screening excavation and excavated soils for common isotopes.
3. Over packing of the barrels from the excavation.
4. Collection and analysis of a composite sample of the excavated soils on June 19, 2000.
5. Collection and analysis of water samples from the drinking water well and production well located on the site.
6. Capping of both ends of the sewer line with concrete.
7. Backfilling excavation with clay.
8. Removal and disposal of excavated soils.

*This report is **Company Proprietary**, and the confidential property of TCA Environmental , Inc. and the client. No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.*

IV. SITE INVESTIGATION:

1. Location:

The site is located in a heavily industrialized and commercial area adjacent to the Great Miami Riv

2. Topography

The topography is fairly level, and surface drainage tends toward the south.

3. Geology

a. The site according to the soil survey of Montgomery county occupied an area which was a former gravel pit, which is defined as open excavations from which sand and gravel have been removed and the upper soil layers have been stripped away.

b. The site is underlain by unconsolidated glacial outwash deposits of the Great Miami Aquifer.

The unconsolidated glacial deposits consists of 25 to 250 feet of poorly sorted clay, silt sand, and gravel which overlie ordovican-aged interbedded shales and limestone of the Richmond Group. The bedrock occurs at depth of 180 to 240 feet below the surface. The shales and limestones in the bedrock are relatively impermeable in comparison to the sand and gravel aquifers.

4. Hydrology

a. Water use.

There are two on site wells located at the site.

b. Water resources.

The water resources in the area are excellent. Yields of more than 1,000 gallons per minute (g.p.m.), may developed.

5. Climate

The climate conditions at the site are typical for Ohio. The mean annual temperature is 51.9°F and average annual precipitation is 34 in.. Precipitation is the major recharge mechanism for ground water; six inches of total annual precipitation provides for ground water recharge (estimated).

V. REMEDIAL ACTIONS:

1. Soil Disposal

2216.79 tons of contaminated soils were removed and disposed of at Stoney Hollow landfill (see Appendix D for manifests.

This report is Company Proprietary, and the confidential property of TCA Environmental, Inc. and the client. No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.

2. Sample Collection Procedures

The soil samples were collected with a clean hand trowel. The sample bottles were labeled and sealed. The water samples were collected in jars with teflon seals. The samples were placed on ice and taken to the laboratory for analysis. Chain of custody was maintained.

3. Soil Stockpile Sampling

A composite sample was collected from the excavated soils (see 06/19/00, Valley composite for sample results).

4. Radiation Screening

On June 2, 2000, the excavation barrels and stockpiled soils were screened for radioactive substances. The results of the screening did not reveal any elevated levels of isotopes above background levels present.

5. Over packing of Barrels

The barrels from the excavation were placed in over packs (see Valley Dryden A 05/17/00, for a composite sample of the barrels contained in the excavation).

6. Capping of Sewer Line

On June 2, 2000, the both ends of the sewer line were capped with concrete and the excavation was filled with clay (see Appendix H for photo documentation).

7. Water Samples

A water sample was collected from the drinking water well and the production well located adjacent to the excavation (see Valley PW 06/02/00 and Valley GW 05/19/00 for laboratory results).

VI. CONCLUSIONS:

It is mandatory that prior to excavation activities at this site a permit to engage in filling, scraping, excavating, building, drilling, or mining on land where a hazardous waste facility or solid waste facility was operated be obtained from the Ohio EPA. The results of the ground water samples collected from the two wells located on site war below Ohio M.C.L. levels.

VII. RECOMMENDATIONS:

It is recommended that a alternate pathway for the underground utility should be found.

This report is Company Proprietary, and the confidential property of TCA Environmental, Inc. and the client. No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.

Thank you for choosing TCA Environmental, Inc., for the project. If you have any questions, please call.

Sincerely,

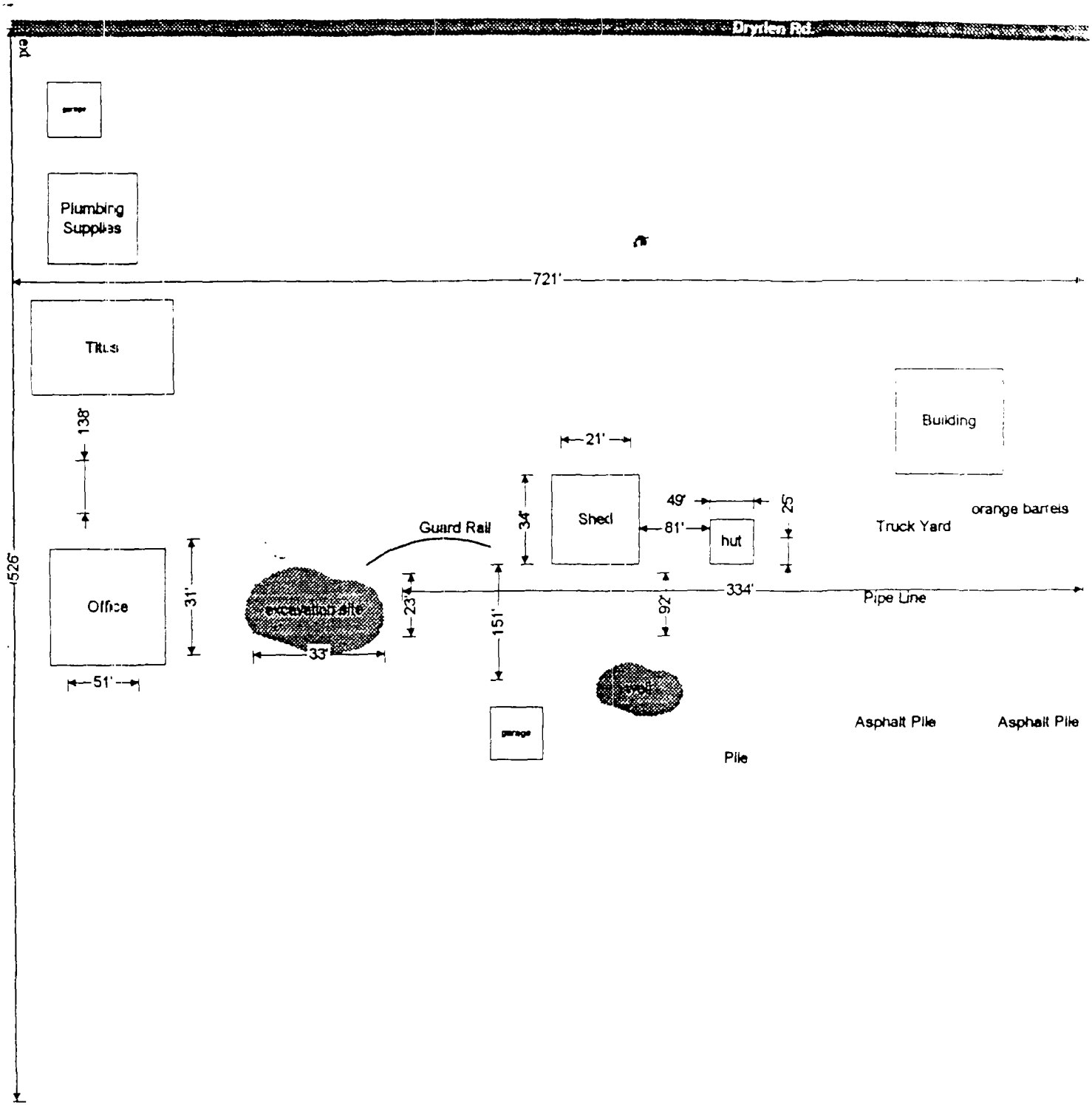
TCA ENVIRONMENTAL, INC.
David M. Scardino
Geologist/Environmental Scientist

*This report is **Company Proprietary**, and the confidential property of TCA Environmental , Inc. and the client. No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.*

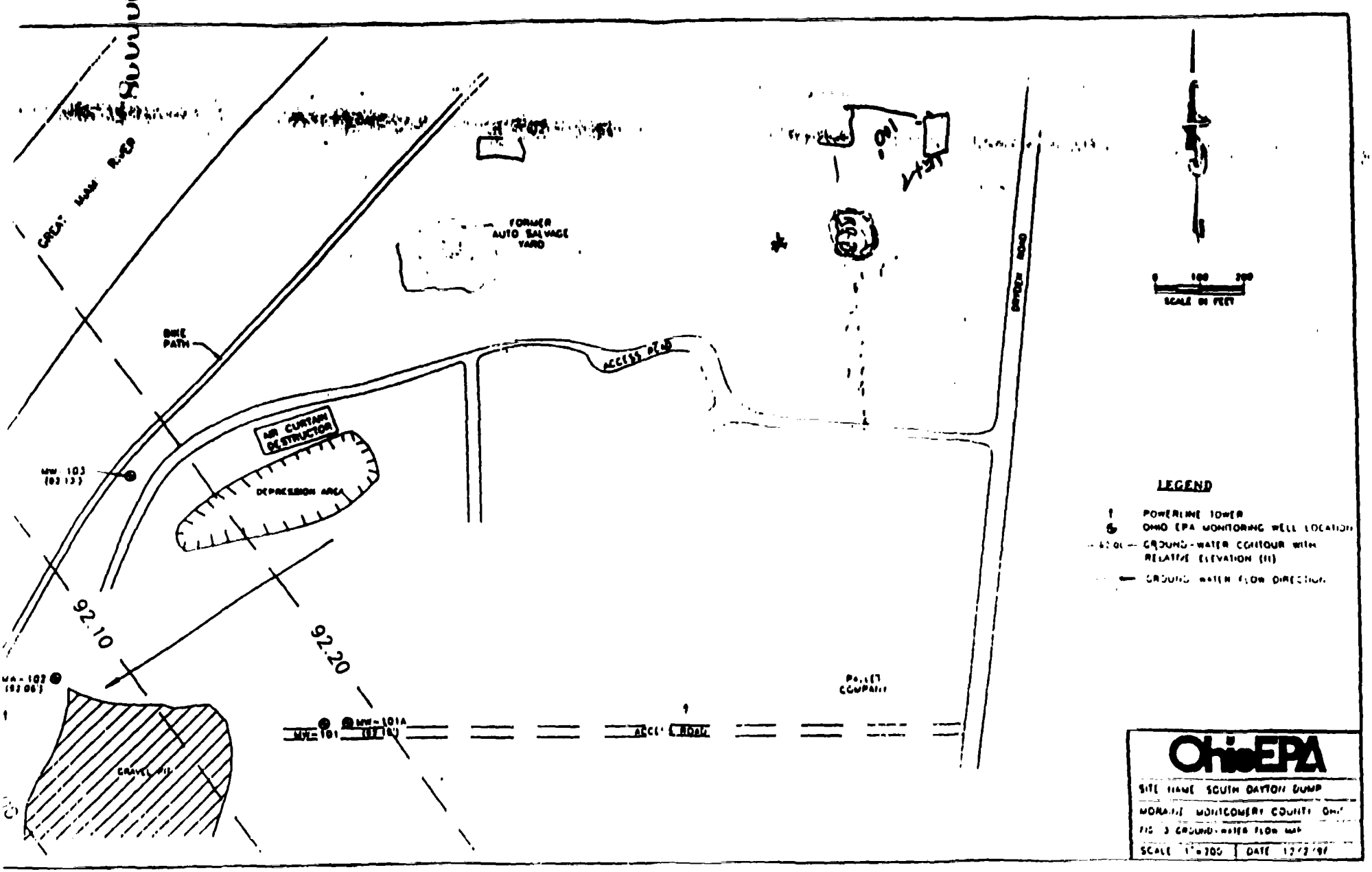
APPENDIX A

Site Plan

This report is Company Proprietary, and the confidential property of TCA Environmental, Inc. and the client. No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.


Dryden Rd.
Plumbing Supplies
721'
Titus
138'
Building
21'
Shed
49'
25'
34'
81'
hut
Guard Rail
orange barrels
Truck Yard
526'
Office
31'
excavation site
23'
151'
92'
334'
Pipe Line
33'
51'
garage
Asphalt Pile
Asphalt Pile
Pile

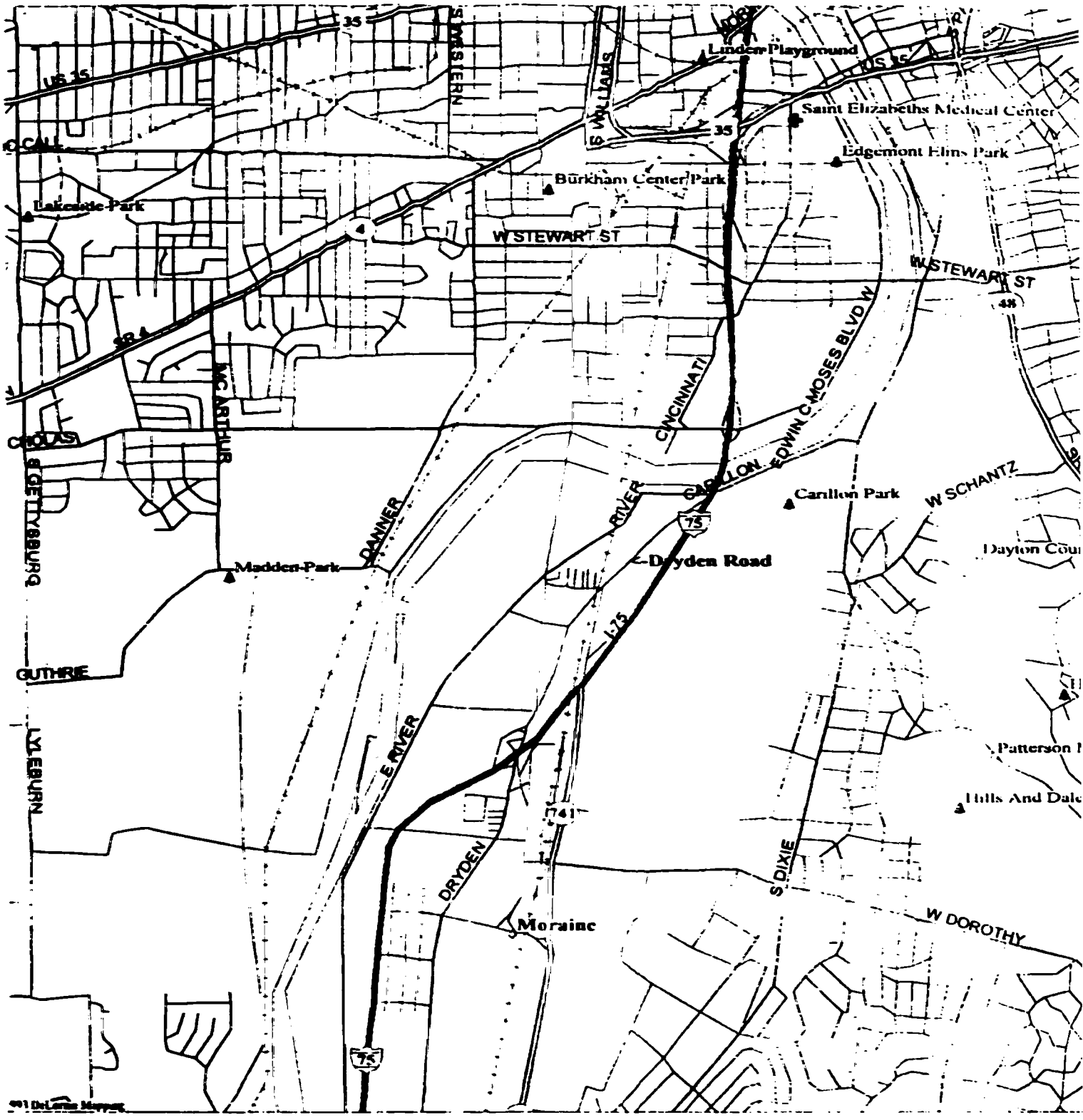
000097


GREAT MIAMI RIVER
BIKE PATH
FORMER AUTO SALVAGE YARD
ACCESS ROAD
AIR CURTAIN DESTRUCTOR
DEPRESSION AREA
MW-103
MW-102
MW-101
MW-101A
92.10
92.20
GRAVEL PIT
PALLET COMPANY
DRYDEN ROAD
SCALE IN FEET
LEGEND
POWERLINE TOWER
OHIO EPA MONITORING WELL LOCATION
GROUND-WATER CONTOUR WITH RELATIVE ELEVATION (ft)
GROUND WATER FLOW DIRECTION
OhioEPA
SITE NAME SOUTH DAYTON DUMP
MORAINE MONTGOMERY COUNTY OHIO
FIG 3 GROUND-WATER FLOW MAP
SCALE 1"=200
DATE 12/2/91

APPENDIX B

Vicinity Map

*This report is **Company Proprietary**, and the confidential property of TCA Environmental , Inc. and the client.*
No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.



LEGEND

- State Route
- Park
- Interstate, Turnpike
- Population Center
- Street, Road
- Hwy Ramp
- Major Street/Road
- Interstate Highway
- State Route
- Railroad
- Land Mass
- Open Water

Scale 1:31,250 (at center)

2000 Feet

1000 Meters

South Dayton Dump, Moraine, Ohio
Mag 14.00
Mon Nov 10 22:27:19 1997

000010

APPENDIX C

Laboratory Results

*This report is **Company Proprietary**, and the confidential property of TCA Environmental , Inc. and the client.*
No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.

Belmonte Park Environmental Laboratories

TCA
223 PIONEER BLVD.
SPRINGBORO, OHIO 45066

Attn: DAVID M. SCARDINO
Invoice Number:

Order #: 00-05-664
Date: 06/01/00 09:09
Work ID: VALLEY DRYDEN A
Date Received: 05/18/00
Date Completed: 06/01/00
Client Code: TANK_CLOSURE

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	VALLEY DRYDEN A 05/17/00		

Enclosed are results of specified samples submitted for analyses. If there are any questions, please contact Tom Batten. Our Ohio EPA Certification numbers are 836 & 837. Any result of "BDL" indicates "BELOW DETECTION LIMIT".

Certified By
TOM BATTEN

000012

Belmonte Park Environmental Laboratories

Order # 00-05-664
06/01/00 09:09

TEST RESULTS BY SAMPLE

Sample: 01A VALLEY DRYDEN A 05/17/00 Collected: 05/17/00 Category: SOLID

Test Description	Result	Detection Limit	Units	Analyzed	By
EXTRACTION, TCLP	-		-		AMS
EXTRACTION, PESTICIDES	-		-		CJ
PAINT FILTER, EPA 9095	0		%	05/24/00	LG

000013

11 East Main Street Dayton, Ohio 45426 (937) 837-3744

Belmonte Park Environmental Laboratories

Order # 00-05-664
06/01/00 09:09

TEST RESULTS BY SAMPLE

Sample Description: VALLEY DRYDEN A 05/17/00 Lab No: 01A
Test Description: CORROSIVITY Method: EPA 9045 Test Code: CORROS
Collected: 05/17/00 Category: SOLID

PARAMETER	RESULT
CORROSIVITY	NO
PH	8.2

Notes and Definitions for this Report:

DATE RUN 05/22/00
ANALYST AMS

000014

11 East Main Street Dayton, Ohio 45426 (937) 837-3744

Belmonte Park Environmental Laboratories

Order # 00-05-664
06/01/00 09:09

TEST RESULTS BY SAMPLE

Sample Description: VALLEY DRYDEN A 05/17/00 Lab No: 01A
Test Description: IGNITABILITY, EPA 1020 Method: SETAFLASH CC Test Code: IGNITA
Collected: 05/17/00 Category: SOLID

PARAMETER	RESULT	UNITS
IGNITABILITY	NO	-
TEMPERATURE	>180	deg F

Notes and Definitions for this Report:

DATE RUN 05/23/00
ANALYST ML

000015

Belmonte Park Environmental Laboratories

Order # 00-05-664
06/01/00 09:09

TEST RESULTS BY SAMPLE

Sample Description: VALLEY DRYDEN A 05/17/00 Lab No: 01A
Test Description: METALS, EPA 1311 Method: EPA 1311 Test Code: TCLP_M
Collected: 05/17/00 Category: SOLID

PARAMETER		RESULT	LIMIT
ARSENIC	6010 A	BDL	0.1
BARIUM	6010 A	1.92	0.01
CADMIUM	6010 A	2.11	0.01
CHROMIUM	6010 A	BDL	0.01
LEAD-	6010 A	8.26	0.05
MERCURY	7470	BDL	0.002
SELENIUM	6010 A	BDL	0.1
SILVER	6010 A	BDL	0.01

Notes and Definitions for this Report:

EXTRACTED 05/22/00
DATE RUN 05/23/00
ANALYST RJE
UNITS mg/L
METHOD EPA 1311
BDL BELOW DETECTION LIMIT

000026

Belmonte Park Environmental Laboratories

Order # 00-05-664
06/01/00 09:09

TEST RESULTS BY SAMPLE

Sample Description: VALLEY DRYDEN A 05/17/00 Lab No: 01A
Test Description: PCB/PESTICIDES SW8080 Method: SW_846_8080 Test Code: SW8080
Collected: 05/17/00 Category: SOLID

PARAMETER	RESULT	LIMIT
ALDRIN	BDL	0.1
ALPHA-BHC	BDL	0.1
BETA-BHC	BDL	0.1
DELTA-BHC	BDL	0.1
GAMMA-BHC	BDL	0.1
CHLORDANE	BDL	0.1
4,4-DDT	BDL	0.1
4,4-DDE	BDL	0.1
4,4-DDD	BDL	0.1
DIELDRIN	BDL	0.1
ALPHA ENDOSULFAN	BDL	0.1
BETA ENDOSULFAN	BDL	0.1
ENDOSULFAN SULFATE	BDL	1
ENDRIN	BDL	0.1
ENDRIN ALDEHYDE	BDL	0.2
HEPTACHLOR	BDL	0.3
HEPTACHLOR EPOXIDE	BDL	1
PCB-1016	BDL	1
PCB-1221	BDL	2
PCB-1232	BDL	1
PCB-1242	BDL	1
PCB-1248	BDL	1
PCB-1254	75000	1
PCB-1260	BDL	1
TOXAPHENE	BDL	2
METHOXYCHLOR	BDL	2

SURROGATE	%RECOVERY	LIMITS		
DBC	88	70	-	130
TCX	77	70	-	130

Notes and Definitions for this Report:

DATE RUN 05/24/00
ANALYST THB
INSTRUMENT GC
FILE ID A05242
UNITS ug/Kg

000017

Belmonte Park Environmental Laboratories

Order # 00-05-664
06/01/00 09:09

TEST RESULTS BY SAMPLE

Sample Description: VALLEY DRYDEN A 05/17/00 Lab No: 01A
Test Description: PCB/PESTICIDES SW8080 Method: SW_846_8080 Test Code: SW8080
Collected: 05/17/00 Category: SOLID

METHOD EPA 8080
BDL BELOW DETECTION LIMIT

000018

Belmonte Park Environmental Laboratories

Order # 00-05-664
06/01/00 09:09

TEST RESULTS BY SAMPLE

Sample Description: **VALLEY DRYDEN A** 05/17/00 Lab No: 01A
Test Description: **REACTIVITY** Method: 9010 Test Code: **REACTI**
Collected: 05/17/00 Category: SOLID

PARAMETER	RESULT	LIMIT	UNITS
REACTIVITY	NO	-	-
CYANIDE	BDL	1	mg/Kg
SULFIDE	BDL	30	mg/Kg

Notes and Definitions for this Report:

DATE RUN 05/24/00
ANALYST LG

000019

Belmonte Park Environmental Laboratories

Order # 00-05-664
06/01/00 09:09

TEST RESULTS BY SAMPLE

Sample Description: VALLEY DRYDEN A 05/17/00 Lab No: 01A
Test Description: VOLATILE ORGANICS 8260B Method: SW_846_8260B Test Code: SW8260
Collected: 05/17/00 Category: SOLID

PARAMETER	RESULT	LIMIT
ACETONE	BDL	2500
ACROLEIN	BDL	2000
ACRYLONITRILE	BDL	2000
BENZENE	7000	500
BROMODICHLOROMETHANE	BDL	500
BROMOFORM	BDL	500
BROMOMETHANE	BDL	500
2-BUTANONE	2500	2500
CARBON DISULFIDE	BDL	500
CARBON TETRACHLORIDE	BDL	500
CHLOROBENZENE	1700	500
CHLORODIBROMOMETHANE	BDL	500
CHLOROETHANE	BDL	500
2-CHLOROETHYL VINYL ETHER	BDL	2000
CHLOROFORM	BDL	500
CHLOROMETHANE	BDL	500
DIBROMOMETHANE	BDL	500
1,4-DICHLORO-2-BUTENE	BDL	500
DICHLORODIFLUOROMETHANE	BDL	500
1,1-DICHLOROETHANE	BDL	500
1,2-DICHLOROETHANE	BDL	500
1,1-DICHLOROETHENE	BDL	500
trans-1,2-DICHLOROETHENE	BDL	500
1,2-DICHLOROPROPANE	BDL	500
cis-1,3-DICHLOROPROPENE	BDL	500
trans-1,3-DICHLOROPROPENE	BDL	500
ETHYLBENZENE	84000	2000
ETHYL METHACRYLATE	BDL	2500
2-HEXANONE	BDL	2500
IODOMETHANE	BDL	500
METHYLENE CHLORIDE	BDL	500
4-METHYL-2-PENTANONE	18000	2500
STYRENE	BDL	500
1,1,2,2-TETRACHLOROETHANE	BDL	500
TETRACHLOROETHENE	BDL	500
TOLUENE	530000	5000
1,1,1-TRICHLOROETHANE	BDL	500
1,1,2-TRICHLOROETHANE	BDL	500

000020

Belmonte Park Environmental Laboratories

Order # 00-05-664
06/01/00 09:42

TEST RESULTS BY SAMPLE

Sample Description: **VALLEY DRYDEN A** 05/17/00 Lab No: **01A**
Test Description: **VOLATILE ORGANICS 8260B** Method: **SW_846_8260B** Test Code: **SW8260**
Collected: **05/17/00** Category: **SOLID**

TRICHLOROETHENE	64000	2000
TRICHLOROFLUOROMETHANE	BDL	500
1,2,3-TRICHLOROPROPANE	BDL	500
VINYL ACETATE	BDL	2000
VINYL CHLORIDE	840	500
XYLENE	340000	2000

SURROGATE	%RECOVERY	LIMITS		
d4-1,2-DICHLOROETHANE	113	70	-	121
d8-TOLUENE	93	81	-	117
4-BROMOMFLUOROBENZENE	100	74	-	121

Notes and Definitions for this Report:

DATE RUN 05/22/00
ANALYST AS
INSTRUMENT GC/MS
FILE ID X0052220
UNITS ug/Kg
METHOD GPA-8260
BDL BELOW DETECTION LIMIT

000021

Belmonte Park Environmental Laboratories

REPORT COMMENTS

VOLATILE SAMPLE WAS REPORTED FROM MULTIPLE RUNS DUE TO THE HIGH CONCENTRATION OF TARGET ANALYTES. THESE DILUTIONS INCLUDE RUNS OF 500X, 2000X, AND 5000X. AS

000022

Belmonte Park Environmental Laboratories

TCA ENVIROMENTAL INC.
223 PIONEER BLVD.
SPRINGBORO, OHIO 45066

Attn: DAVID M. SCARDINO
Invoice Number:

Order #: 00-06-081
Date: 06/06/00 09:06
Work ID: VALLEY DRYDEN A
Date Received: 06/02/00
Date Completed: 06/05/00
Client Code: TANK_CLOSURE

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	VALLEY DRYDEN A 05/17/00		

Enclosed are results of specified samples submitted for analyses. If there are any questions, please contact Tom Batten. Our Ohio EPA Certification numbers are 836 & 837. Any result of "BDL" indicates "BELOW DETECTION LIMIT".

M Lake

Certified By
TOM BATTEN

000023

Belmonte Park Environmental Laboratories

Order # 00-06-081
06/06/00 09:06

TEST RESULTS BY SAMPLE

Sample: 01A VALLEY DRYDEN A 05/17/00 Collected: 05/17/00 Category: SOIL

Test Description	Result	Detection Limit	Units	Analyzed	By
NITRATE-NITRITE N	7.1	2	mg/Kg	06/05/00	EP

000024

North Coast Environmental Laboratories, Inc.

NORTH COAST ID: 19903

CLIENT: TCA ENVIRONMENTAL
223 PIONEER BLVD.
SPRINGBORO, OHIO 45066.

CONTACT: DAVID SCARDINO

PROJECT: VALLEY ASPHALT

	TCA ID	NC ID
5/19/00	VALLEY GW	19911
5/19/00	VALLEY STOCK	19912

TESTS REQUESTED: TOTAL METALS, VOLATILES, PCB

DATE RECEIVED: MAY 23, 2000

DATE REPORTED: MAY 26, 2000

REVIEWED BY: APPROVED BY:

000025

10100 Wellman Road • Streetsboro, Ohio 44241
(800) 586-4666 • Fax (330) 342-0088

NORTH COAST ID: 19911
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT
TCA ID: 5/19/00 VALLEY GW

VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260A - WATER

COMPOUND	RESULTS (µg/L)	DETECTION LIMIT (µg/L)
BENZENE	ND	2
BROMOBENZENE	ND	2
BROMOCHLOROMETHANE	ND	2
BROMODICHLOROMETHANE	ND	2
BROMOFORM	ND	2
BROMOMETHANE	ND	4
N-BUTYLBENZENE	ND	2
SEC-BUTYLBENZENE	ND	4
TERT-BUTYLBENZENE	ND	10
CARBON TETRACHLORIDE	ND	2
CHLOROBENZENE	ND	2
CHLOROETHANE	ND	4
CHLOROFORM	ND	2
CHLOROMETHANE	ND	4
2-CHLOROTOLUENE	ND	4
4-CHLOROTOLUENE	ND	4
DIBROMOCHLOROMETHANE	ND	2
1,2-DIBROMO-3-CHLOROPROPANE	ND	40
1,2-DIBROMOETHANE	ND	2
DIBROMOMETHANE	ND	2
1,2-DICHLOROBENZENE	ND	2
1,3-DICHLOROBENZENE	ND	2
1,4-DICHLOROBENZENE	ND	2
DICHLORODIFLUOROMETHANE	ND	4
1,1-DICHLOROETHANE	ND	2
1,2-DICHLOROETHANE	ND	2
1,1-DICHLOROETHENE	ND	2
CIS-1,2-DICHLOROETHENE	ND	2
TRANS-1,2-DICHLOROETHENE	ND	2

NORTH COAST ID: 19911
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT
TCA ID: 5/19/00 VALLEY GW

VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260A - WATER

COMPOUND	RESULTS (µg/L)	DETECTION LIMIT (µg/L)
1,2-DICHLOROPROPANE	ND	2
1,3-DICHLOROPROPANE	ND	2
2,2-DICHLOROPROPANE	ND	2
1,1-DICHLOROPROPENE	ND	2
ETHYLBENZENE	ND	2
HEXACHLOROBUTADIENE	ND	4
ISOPROPYLBENZENE	ND	4
P-ISOPROPYLTOLUENE	ND	10
METHYLENE CHLORIDE	ND	2
NAPHTHALENE	ND	4
N-PROPYLBENZENE	ND	4
STYRENE	ND	2
1,1,1,2-TETRACHLOROETHANE	ND	2
1,1,2,2-TETRACHLOROETHANE	ND	2
TETRACHLOROETHENE	ND	2
TOLUENE	ND	2
1,2,3-TRICHLOROBENZENE	ND	2
1,2,4-TRICHLOROBENZENE	ND	10
1,1,1-TRICHLOROETHANE	ND	2
1,1,2-TRICHLOROETHANE	ND	2
TRICHLOROETHENE	ND	2
TRICHLOROFLUOROMETHANE	ND	4
1,2,3-TRICHLOROPROPANE	ND	2
1,2,4-TRIMETHYLBENZENE	ND	2
1,3,5-TRIMETHYLBENZENE	ND	2
VINYL CHLORIDE	ND	2
TOTAL XYLENES	ND	2

DATE ANALYZED: 5/24/00 DATE CALIBRATED: 5/24/00

NORTH COAST ID: 19911
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT
TCA ID: 5/19/00 VALLEY GW

PCB

EPA METHOD 608 – WATER

<0.10 mg/L

NORTH COAST ID: 19912
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT
TCA ID: 5/19/00 VALLEY STOCK

PCB

EPA METHOD 8081 – SOIL

<1.00 mg/Kg

NORTH COAST ID: 19912
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT
TCA ID: 5/19/00 VALLEY STOCK

VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260A - SOIL

COMPOUND	RESULTS (µg/Kg)	DETECTION LIMIT (µg/Kg)
BENZENE	ND	5
BROMOBENZENE	ND	5
BROMOCHLOROMETHANE	ND	5
BROMODICHLOROMETHANE	ND	5
BROMOFORM	ND	5
BROMOMETHANE	ND	10
N-BUTYLBENZENE	ND	5
SEC-BUTYLBENZENE	ND	10
TERT-BUTYLBENZENE	ND	20
CARBON TETRACHLORIDE	ND	5
CHLOROBENZENE	ND	5
CHLOROETHANE	ND	10
CHLOROFORM	ND	5
CHLOROMETHANE	ND	10
2-CHLOROTOLUENE	ND	10
4-CHLOROTOLUENE	ND	10
DIBROMOCHLOROMETHANE	ND	5
1,2-DIBROMO-3-CHLOROPROPANE	ND	40
1,2-DIBROMOETHANE	ND	5
DIBROMOMETHANE	ND	5
1,2-DICHLOROBENZENE	ND	5
1,3-DICHLOROBENZENE	ND	5
1,4-DICHLOROBENZENE	ND	5
DICHLORODIFLUOROMETHANE	ND	10
1,1-DICHLOROETHANE	ND	5
1,2-DICHLOROETHANE	ND	5
1,1-DICHLOROETHENE	ND	5
CIS-1,2-DICHLOROETHENE	ND	5
TRANS-1,2-DICHLOROETHENE	ND	5

NORTH COAST ID: 19912
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT
TCA ID: 5/19/00 VALLEY STOCK

VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260A - SOIL

COMPOUND	RESULTS (µg/Kg)	DETECTION LIMIT (µg/Kg)
1,2-DICHLOROPROPANE	ND	5
1,3-DICHLOROPROPANE	ND	5
2,2-DICHLOROPROPANE	ND	5
1,1-DICHLOROPROPENE	ND	5
ETHYLBENZENE	**43**	5
HEXACHLOROBUTADIENE	ND	10
ISOPROPYLBENZENE	ND	10
P-ISOPROPYLTOLUENE	ND	20
METHYLENE CHLORIDE	ND	5
NAPHTHALENE	ND	10
N-PROPYLBENZENE	ND	10
STYRENE	ND	5
1,1,1,2-TETRACHLOROETHANE	ND	5
1,1,2,2-TETRACHLOROETHANE	ND	5
TETRACHLOROETHENE	ND	5
TOLUENE	**70**	5
1,2,3-TRICHLOROBENZENE	ND	5
1,2,4-TRICHLOROBENZENE	ND	20
1,1,1-TRICHLOROETHANE	ND	5
1,1,2-TRICHLOROETHANE	ND	5
TRICHLOROETHENE	**59**	5
TRICHLOROFLUOROMETHANE	ND	10
1,2,3-TRICHLOROPROPANE	ND	5
1,2,4-TRIMETHYLBENZENE	**32**	5
1,3,5-TRIMETHYLBENZENE	**20**	5
VINYL CHLORIDE	ND	10
TOTAL XYLENES	**222**	5

DATE ANALYZED: 5/24/00 DATE CALIBRATED: 5/24/00

NORTH COAST ID: 19911-19912
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT

VOLATILE QUALITY CONTROL DATA

SURROGATE RECOVERY

TCA ID	NORTH COAST ID	DBFM % RECOVERY	BFB % RECOVERY
GW	19911	98	88
STOCK	19912	99	75

ACCEPTABLE RECOVERY LIMITS: 75-125%

BLANK RESULTS

ALL COMPOUNDS WERE NON-DETECT FOR THE BLANK

CHECK STANDARD RESULTS

PARAMETER	RESULTS (µg/L) ACTUAL / KNOWN	% RECOVERY
BENZENE	45 / 50	90
CHLOROBENZENE	46 / 50	92
1,1-DICHLOROETHENE	45 / 50	90
ETHYLBENZENE	46 / 50	92
TOLUENE	44 / 50	88
XYLENES	136 / 150	91

ACCEPTABLE RECOVERY LIMITS: 80-120%

North Coast
Environmental Laboratories, Inc.

Chain of Custody Record

10100 Wellman Road • Streetsboro, Ohio 44241
(800) 586-4666 • Fax (330) 342-0088

PROJ. NO.

PROJECT NAME/LOCATION: Valley ASPHALT

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Metals & PCB	VOC	PCB				REMARKS	LAB ID #
	5-19-00				Valley GW	3	X	X	X				added 5/25/00	19911
	5-19-00				Valley Stock	1	X	X	X					19912

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	5-22-00				

Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Client:
			5-23-00 10:00AM	TCA

000033

Past due invoices may be subject to a late payment service charge of 1½% per month, which is an annual rate of 18%.

WHITE - REMAINS WITH SAMPLE YELLOW - CUSTOMER COPY

Belmonte Park Environmental Laboratories

TCA ENVIROMENTAL INC.
223 PIONEER BLVD.
SPRINGBORO, OHIO 45066

Attn: DAVID M. SCARDINO
Invoice Number:

Order #: 00-06-098
Date: 06/15/00 16:42
Work ID: VALLEY (FAX)
Date Received: 06/02/00
Date Completed: 06/15/00
Client Code: TANK_CLOSURE

SAMPLE IDENTIFICATION

Sample Number	Sample Description	
01	VALLEY PW	06/02/00
02	VALLEY PW	06/02/00
03	VALLEY PW	06/02/00

Enclosed are results of specified samples submitted for analyses. If there are any questions, please contact Tom Batten. Our Ohio EPA Certification numbers are 836 & 837. Any result of "BDL" indicates "BELOW DETECTION LIMIT".

Certified By
TOM BATTEN

000034

Belmonte Park Environmental Laboratories

Order # 00-06-098
06/15/00 16:42

TEST RESULTS BY SAMPLE

Sample: 01A VALLEY PW 06/02/00 Collected: 06/02/00 Category: AQUEOUS

Test Description	Result	Detection Limit	Units	Analyzed	By
EXTRACTION, PESTICIDES	-		-		RL

Sample: 03A VALLEY PW 06/02/00 Collected: 06/02/00 Category: AQUEOUS

Test Description	Result	Detection Limit	Units	Analyzed	By
ARSENIC, EPA 200.7	BDL	0.05	mg/L	06/09/00	RJE
BARIUM, EPA 200.7	0.147	0.005	mg/L	06/07/00	RJE
CADMIUM, EPA 200.7	BDL	0.005	mg/L	06/07/00	RJE
CHROMIUM, EPA 200.7	BDL	0.01	mg/L	06/07/00	RJE
LEAD, EPA 200.7	BDL	0.02	mg/L	06/07/00	RJE
MERCURY, EPA 245.1	BDL	0.0002	mg/L	06/07/00	RJE
METALS DIGESTION, WATER	-		-		AMS
SELENIUM, EPA 200.7	BDL	0.1	mg/L	06/09/00	RJE
SILVER, EPA 200.7	BDL	0.01	mg/L	06/07/00	RJE

000035

Belmonte Park Environmental Laboratories

Order # 00-06-098
06/15/00 16:42

TEST RESULTS BY SAMPLE

Sample Description: VALLEY PW 06/02/00 Lab No: 01A
Test Description: POLYCHLORINATED BIPHENYLS Method: EPA 8082 Test Code: 8080_
Collected: 06/02/00 Category: AQUEOUS

PARAMETER	RESULT	LIMIT
PCB-1242	BDL	0.5
PCB-1254	BDL	0.5
PCB-1221	BDL	1.0
PCB-1232	BDL	0.5
PCB-1248	BDL	0.5
PCB-1260	BDL	0.5
PCB-1016	BDL	0.5

SURROGATE	%RECOVERY	LIMITS		
DBC(SURROGATE % RECOVERY)	89	70	-	130
TCX(SURROGATE % RECOVERY)	112	70	-	130

Notes and Definitions for this Report:

EXTRACTED 06/06/00
DATE RUN 06/06/00
ANALYST THB
INSTRUMENT GC
FILE ID A050635
UNITS ug/L
METHOD EPA 8080
BDL BELOW DETECTION LIMIT

000036

Belmonte Park Environmental Laboratories

Order # 00-06-098
06/15/00 16:42

TEST RESULTS BY SAMPLE

Sample Description: VALLEY PW 06/02/00 Lab No: 02A
Test Description: VOLATILE ORGANICS 8260B Method: SW_846_8260B Test Code: SW8260
Collected: 06/02/00 Category: AQUEOUS

PARAMETER	RESULT	LIMIT
ACETONE	BDL	100
ACROLEIN	BDL	20
ACRYLONITRILE	BDL	20
BENZENE	BDL	5.0
BROMODICHLOROMETHANE	BDL	5.0
BROMOFORM	BDL	5.0
BROMOMETHANE	BDL	10
2-BUTANONE	BDL	100
CARBON DISULFIDE	BDL	100
CARBON TETRACHLORIDE	BDL	5.0
CHLOROBENZENE	BDL	5.0
CHLORODIBROMOMETHANE	BDL	5.0
CHLOROETHANE	BDL	10
2-CHLOROETHYL VINYL ETHER	BDL	20
CHLOROFORM	BDL	5.0
CHLOROMETHANE	BDL	10
DIBROMOMETHANE	BDL	5.0
1,4-DICHLORO-2-BUTENE	BDL	100
DICHLORODIFLUOROMETHANE	BDL	10
1,1-DICHLOROETHANE	BDL	5.0
1,2-DICHLOROETHANE	BDL	5.0
1,1-DICHLOROETHENE	BDL	5.0
trans-1,2-DICHLOROETHENE	BDL	5.0
1,2-DICHLOROPROPANE	BDL	5.0
cis-1,3-DICHLOROPROPENE	BDL	5.0
trans-1,3-DICHLOROPROPENE	BDL	5.0
ETHYLBENZENE	BDL	5.0
ETHYL METHACRYLATE	BDL	50
2-HEXANONE	BDL	50
IODOMETHANE	BDL	10
METHYLENE CHLORIDE	BDL	10
4-METHYL-2-PENTANONE	BDL	50
STYRENE	BDL	5.0
1,1,2,2-TETRACHLOROETHANE	BDL	5.0
TETRACHLOROETHENE	BDL	5.0
TOLUENE	BDL	5.0
1,1,1-TRICHLOROETHANE	BDL	5.0
1,1,2-TRICHLOROETHANE	BDL	5.0

000037

Belmonte Park Environmental Laboratories

Order # 00-06-098
06/15/00 16:42

TEST RESULTS BY SAMPLE

Sample Description: VALLEY PW 06/02/00 Lab No: 02A
Test Description: VOLATILE ORGANICS 8260B Method: SW_846_8260B Test Code: SW8260
Collected: 06/02/00 Category: AQUEOUS

TRICHLOROETHENE	BDL	5.0
TRICHLOROFLUOROMETHANE	BDL	5.0
1,2,3-TRICHLOROPROPANE	BDL	5.0
VINYL ACETATE	BDL	50
VINYL CHLORIDE	BDL	10
XYLENE	BDL	10

SURROGATE	%RECOVERY	LIMITS		
d4-1,2-DICHLOROETHANE	78	70	-	121
d8-TOLUENE	115	81	-	117
4-BROMOMFLUOROBENZENE	98	74	-	121

Notes and Definitions for this Report:

DATE RUN 06/15/00
ANALYST JGC
INSTRUMENT GC/MS
FILE ID X061505
UNITS ug/L
METHOD EPA 8260
BDL BELOW DETECTION LIMIT

000038

Belmonte Park Environmental Laboratories
The Science Company Since 1958

REQUEST FOR LABORATORY ANALYTICAL SERVICES

W-W-010

Purchase Order No.	BPEL Quote No.	Client Job No.

SEND INVOICE TO

Name: D. Scandino
Company: TCA
Dept.:
Address: 223 Pioneer Blvd
City, State, Zip: Springsolo OH 45066

REPORT RESULTS TO

Name: D. Scandino
Title:
Company: TCA
Dept.:
Mailing Address: 223 Pioneer Blvd
City, State, Zip: Springsolo OH 45066
Telephone No.: (513) 743-8509
Telefax No.: (513) 743-8519

Date Results Req.: Rush Charges Authorized? ☐ Yes ☐ No
Phone / Fax Results ☐ ☐
Check Regulatory Type: ☐ NPDES ☐ UST ☐ SDWA ☐ FDA/USDA ☐ RCRA ☐ other ☐ Collected in State of _____

Special Instructions:

ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME	COMP	GRAB	SAMPLE TYPE (MATRIX)	Number of Containers	PCB	VOC	Total 8 RCRA Metals								LAB ONLY
Valley PW	6-2-00					4	X	X	X								

CHAIN OF CUSTODY (required)

Relinquished by: [signature] Date/Time 6-2-00
Relinquished by: Date/Time
Method of Shipment:

Received by: Date/Time 10:40
Received at lab by: [signature] Date/Time 6/2/00
Comments:

Authorized by: [signature] Date 6-2-00
(Client Signature Must Accompany Request)

Please return completed form and samples to Belmonte Park Laboratories • 11 East Main Street • Dayton, Ohio 45426 • (937) 837-3744

DISTRIBUTION
WHITE - Laboratory
YELLOW - Accounting

000039

North Coast Environmental Laboratories, Inc.

NORTH COAST ID: 20472

CLIENT: TCA ENVIRONMENTAL
223 PIONEER BLVD.
SPRINGBORO, OHIO 45066

CONTACT: DAVID SCARDINO

PROJECT: NOT GIVEN

TCA ID	NC ID
6/19/00 VALLEY COMPOSITE A	20472

TESTS REQUESTED: PCB, TCLP METALS, VOLATILES, FLASHPOINT, pH, SULFIDE, CYANIDE, PAINT FILTER TEST

DATE RECEIVED: JUNE 21, 2000

DATE REPORTED: JUNE 28, 2000

REVIEWED BY: APPROVED BY:

000040

10100 Wellman Road • Streetsboro, Ohio 44241
(800) 586-4666 • Fax (330) 342-0088

NORTH COAST ID: 20472
CLIENT: TCA ENVIRONMENTAL
TCA ID: 6/19/00 VALLEY COMPOSITE A

VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260A - SOIL

COMPOUND	RESULTS (µg/Kg)	DETECTION LIMIT (µg/Kg)
BENZENE	ND	5
BROMOBENZENE	ND	5
BROMOCHLOROMETHANE	ND	5
BROMODICHLOROMETHANE	ND	5
BROMOFORM	ND	5
BROMOMETHANE	ND	10
N-BUTYLBENZENE	ND	5
SEC-BUTYLBENZENE	ND	10
TERT-BUTYLBENZENE	ND	20
CARBON TETRACHLORIDE	ND	5
CHLOROBENZENE	ND	5
CHLOROETHANE	ND	10
CHLOROFORM	ND	5
CHLOROMETHANE	ND	10
2-CHLOROTOLUENE	ND	10
4-CHLOROTOLUENE	ND	10
DIBROMOCHLOROMETHANE	ND	5
1,2-DIBROMO-3-CHLOROPROPANE	ND	40
1,2-DIBROMOETHANE	ND	5
DIBROMOMETHANE	ND	5
1,2-DICHLOROBENZENE	ND	5
1,3-DICHLOROBENZENE	ND	5
1,4-DICHLOROBENZENE	ND	5
DICHLORODIFLUOROMETHANE	ND	10
1,1-DICHLOROETHANE	ND	5
1,2-DICHLOROETHANE	ND	5
1,1-DICHLOROETHENE	ND	5
CIS-1,2-DICHLOROETHENE	ND	5
TRANS-1,2-DICHLOROETHENE	ND	5

NORTH COAST ID: 20472
CLIENT: TCA ENVIRONMENTAL
TCA ID: 6/19/00 VALLEY COMPOSITE A

VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260A - SOIL

COMPOUND	RESULTS (µg/Kg)	DETECTION LIMIT (µg/Kg)
1,2-DICHLOROPROPANE	ND	5
1,3-DICHLOROPROPANE	ND	5
2,2-DICHLOROPROPANE	ND	5
1,1-DICHLOROPROPENE	ND	5
ETHYLBENZENE	**7**	5
HEXACHLOROBUTADIENE	ND	10
ISOPROPYLBENZENE	ND	10
P-ISOPROPYLTOLUENE	ND	20
METHYLENE CHLORIDE	ND	5
NAPHTHALENE	ND	10
N-PROPYLBENZENE	ND	10
STYRENE	ND	5
1,1,1,2-TETRACHLOROETHANE	ND	5
1,1,2,2-TETRACHLOROETHANE	ND	5
TETRACHLOROETHENE	ND	5
TOLUENE	**33**	5
1,2,3-TRICHLOROBENZENE	ND	5
1,2,4-TRICHLOROBENZENE	ND	20
1,1,1-TRICHLOROETHANE	ND	5
1,1,2-TRICHLOROETHANE	ND	5
TRICHLOROETHENE	ND	5
TRICHLOROFLUOROMETHANE	ND	10
1,2,3-TRICHLOROPROPANE	ND	5
1,2,4-TRIMETHYLBENZENE	**30**	5
1,3,5-TRIMETHYLBENZENE	**13**	5
VINYL CHLORIDE	ND	10
TOTAL XYLENES	**37**	5

DATE ANALYZED: 6/23/00 DATE CALIBRATED: 6/23/00

NORTH COAST ID: 20472
CLIENT: TCA ENVIRONMENTAL
TCA ID: 6/19/00 VALLEY COMPOSITE A

TCLP METALS
EPA EXTRACTION METHOD 1311

METAL	RESULTS (mg/L)	REGULATORY LEVEL (mg/L)	INSTRUMENT DETECTION LIMIT (mg/L)	EPA METHOD NUMBER
ARSENIC	ND	5.0	0.04	6010B
BARIUM	0.26	100.0	0.01	6010B
CADMIUM	ND	1.0	0.01	6010B
CHROMIUM	0.09	5.0	0.01	6010B
COPPER	ND	—	0.01	6010B
LEAD	ND	5.0	0.03	6010B
MERCURY	ND	0.2	0.0002	7470B
NICKEL	ND	—	0.01	6010B
SELENIUM	ND	1.0	0.05	6010B
SILVER	ND	5.0	0.01	6010B
ZINC	ND	—	0.01	6010B

PARAMETER	METHOD NUMBER	RESULT
pH	9040B	10.85
FLASHPOINT	1010	>200° F
REACTIVE CYANIDE	9010A	<1.00 mg/Kg
REACTIVE SULFIDE	9030A	<20 mg/Kg
PCB	8082	<1.00 mg/Kg
PAINT FILTER TEST	9095A	NO FREE LIQUIDS

NORTH COAST ID: 20472
CLIENT: TCA ENVIRONMENTAL
TCA ID: 6/19/00 VALLEY COMPOSITE A

VOLATILE QUALITY CONTROL DATA

SURROGATE RECOVERY

TCA ID	NORTH COAST ID	DBFM % RECOVERY	TOLUENE-d8 % RECOVERY
COMP. A	20472	83	94

ACCEPTABLE RECOVERY LIMITS: 75-125%

BLANK RESULTS

ALL COMPOUNDS WERE NON-DETECT FOR THE BLANK

CHECK STANDARD RESULTS

PARAMETER	RESULTS (µg/L) ACTUAL / KNOWN	% RECOVERY
BENZENE	51 / 50	102
CHLOROBENZENE	50 / 50	100
1,2-DICHLOROBENZENE	42 / 50	84
1,1-DICHLOROETHANE	45 / 50	90
ETHYLBENZENE	48 / 50	96
TOLUENE	52 / 50	104
XYLENES	148 / 150	99

ACCEPTABLE RECOVERY LIMITS: 80-120%

North Coast Environmental Laboratories, Inc.

Chain of Custody Record

10100 Wellman Road • Streetsboro, Ohio 44241
(800) 586-4666 • Fax (330) 342-0088

PROJ. NO

PROJECT NAME/LOCATION

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB.	STATION LOCATION	NO. OF CONTAINERS	PARAMETER: PCB	TCLP RCRA 8 metals	VOC	Flash Point	Reactivity	Paint Filter	PH	REMARKS	LAB ID #
	6/19/00				Valley composite A	1	X	X	X	X	t	t	X		20472

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	6/20 00				

Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Client:
			6/21/00 9:00 AM	TCA

Past due invoices may be subject to a late payment service charge of 1 ½% per month, which is an annual rate of 18%.

WHITE - REMAINS WITH SAMPLE YELLOW - CUSTOMER COPY

000045

APPENDIX D

Waste Manifests

This report is Company Proprietary, and the confidential property of TCA Environmental, Inc. and the client.
No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
(937) 878-7000
(800) 228-1336

INVOICE

Acct No: 806-36850
Invoice No: 2939-0171533
09/03/2000
Page: 0001-0009

806-36850
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

806-36850 TCA ENVIRONMENTAL

Service Period Description: JULY SERVICE

2939-0171533 09/03/2000

Service Location
806-36850 TCA ENVIRONMENTAL *600053*
1901 DRYDEN RD
MORAINE OH 45439

07/06/2000	DISPOSAL SPECIAL WASTE	85242 20.57	493.68
07/06/2000	20YD ROLLOFF HAULING	85242 1.00	125.00
07/06/2000	DISPOSAL SPECIAL WASTE	85251 20.52	492.48
07/06/2000	20YD ROLLOFF	85251 1.00	125.00
07/06/2000	DISPOSAL SPECIAL WASTE	85252 20.01	480.24
07/06/2000	20YD ROLLOFF	85252 1.00	125.00
07/06/2000	DISPOSAL SPECIAL WASTE	85253 21.77	522.48
07/06/2000	20YD ROLLOFF	85253 1.00	125.00
07/11/2000	DISPOSAL SPECIAL WASTE	85900 19.10	458.40
07/11/2000	20YD ROLLOFF	85900 1.00	125.00
07/11/2000	DISPOSAL SPECIAL WASTE	86413 22.11	530.64
07/11/2000	20YD ROLLOFF	86413 1.00	125.00
07/11/2000	DISPOSAL SPECIAL WASTE	86414 19.20	460.80
07/11/2000	20YD ROLLOFF	86414 1.00	125.00
07/11/2000	DISPOSAL SPECIAL WASTE	86415 17.84	428.16

(Continued on next page)

PaymentTerms are NET 10 Days

TO RECEIVE PROPER CREDIT, RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
Return Service Requested

ACCOUNT#	INVOICE DATE	INVOICE NUMBER
806-36850	09/03/2000	2939-0171533
CURRENT	TOTAL DUE	AMOUNT PAID
33,212.92	33,222.97	CHECK#

2939806003685000171533000033212920000332229 7 3

806-36850
**SNGLP
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

WASTE MANAGEMENT
OHIO - DAYTON
PO BOX 642410
PITTSBURGH PA 15264-2410

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
(937) 878-7000
(800) 228-1336

INVOICE

806-36850
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

Acct No: 806-36850
Invoice No: 2939-0171533
09/03/2000
Page: 0002-0009

806-36850 TCA ENVIRONMENTAL

Service Period Description: JULY SERVICE

2939-0171533 09/03/2000

(Continued from previous page)

07/11/2000	20YD ROLLOFF	86415	1.00	125.00
07/12/2000	DISPOSAL SPECIAL WASTE	86424	20.82	499.68
07/12/2000	20YD ROLLOFF	86424	1.00	125.00
07/12/2000	DISPOSAL SPECIAL WASTE	86425	17.38	417.12
07/12/2000	20YD ROLLOFF	86425	1.00	125.00
07/12/2000	DISPOSAL SPECIAL WASTE	86428	16.05	385.20
07/12/2000	20YD ROLLOFF	86428	1.00	125.00
07/15/2000	DISPOSAL SPECIAL WASTE	87614	17.52	420.48
07/15/2000	20YD ROLLOFF	87614	1.00	125.00
07/17/2000	DISPOSAL SPECIAL WASTE	86495	16.75	402.00
07/17/2000	20YD ROLLOFF	86495	1.00	125.00
07/17/2000	DISPOSAL SPECIAL WASTE	86563	16.81	403.44
07/17/2000	20YD ROLLOFF	86563	1.00	125.00
07/17/2000	DISPOSAL SPECIAL WASTE	87367	17.64	423.36
07/17/2000	20YD ROLLOFF	87367	1.00	125.00
07/18/2000	DISPOSAL SPECIAL WASTE	86610	16.79	402.96
07/18/2000	20YD ROLLOFF	86610	1.00	125.00
07/18/2000	DISPOSAL SPECIAL WASTE	87846	17.70	424.80
07/18/2000	20YD ROLLOFF	87846	1.00	125.00

(Continued on next page)

PaymentTerms are NET 10 Days

TO RECEIVE PROPER CREDIT, RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVE

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
Return Service Requested

ACCOUNT#	INVOICE DATE	INVOICE NUMB
806-36850	09/03/2000	2939-017153
CURRENT	TOTAL DUE	AMOUNT PAID
33,212.92	33,222.97	CHECK#

2939806003685000171533000033212920000332229 7 3

806-36850
**SNGLP
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

000048

WASTE MANAGEMENT
OHIO - DAYTON
PO BOX 642410
PITTSBURGH PA 15264-2410

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
(937) 878-7000
(800) 228-1336

INVOICE

Acct No: 806-36850
Invoice No: 2939-0171533
09/03/2000
Page: 0003-0009

806-36850
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

806-36850 TCA ENVIRONMENTAL

Service Period Description: JULY SERVICE

2939-0171533 09/03/2000

(Continued from previous page)

07/18/2000	DISPOSAL SPECIAL WASTE	87847	18.14	435.36
07/18/2000	20YD ROLLOFF	87847	1.00	125.00
07/18/2000	DISPOSAL SPECIAL WASTE	87848	1.00	24.00
07/18/2000	20YD ROLLOFF	87848	1.00	125.00
07/19/2000	DISPOSAL SPECIAL WASTE	86783	21.10	506.40
07/19/2000	20YD ROLLOFF	86783	1.00	125.00
07/19/2000	DISPOSAL SPECIAL WASTE	88152	18.94	454.56
07/19/2000	20YD ROLLOFF	88152	1.00	125.00
07/19/2000	DISPOSAL SPECIAL WASTE	88153	17.51	420.24
07/19/2000	20YD ROLLOFF	88153	1.00	125.00
07/19/2000	DISPOSAL SPECIAL WASTE	88154	22.42	538.08
07/19/2000	20YD ROLLOFF	88154	1.00	125.00
07/19/2000	DISPOSAL SPECIAL WASTE	88155	13.03	312.72
07/19/2000	20YD ROLLOFF	88155	1.00	125.00
07/19/2000	DISPOSAL SPECIAL WASTE	88156	11.87	284.88
07/19/2000	20YD ROLLOFF	88156	1.00	125.00
07/19/2000	DISPOSAL SPECIAL WASTE	88157	14.64	351.36
07/19/2000	20YD ROLLOFF	88157	1.00	125.00
07/20/2000	DISPOSAL SPECIAL WASTE	86667	16.05	385.20

(Continued on next page)

PaymentTerms are NET 10 Days

TO RECEIVE PROPER CREDIT, RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
Return Service Requested

ACCOUNT#	INVOICE DATE	INVOICE NUMBER
806-36850	09/03/2000	2939-0171533
CURRENT	TOTAL DUE	AMOUNT PAID
33,212.92	33,222.97	CHECK#

2939806003685000171533000033212920000332229 7 3

806-36850
**SNGLP
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

000049

WASTE MANAGEMENT
OHIO - DAYTON
PO BOX 642410
PITTSBURGH PA 15264-2410

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
(937) 878-7000
(800) 228-1336

INVOICE

Acct No: 806-36850
Invoice No: 2939-0171533
09/03/2000
Page: 0004-0009

806-36850
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

806-36850 TCA ENVIRONMENTAL

Service Period Description: JULY SERVICE

2939-0171533 09/03/2000

(Continued from previous page)

07/20/2000	20YD ROLLOFF	86667	1.00	125.00
07/20/2000	DISPOSAL SPECIAL WASTE	88015	15.51	372.24
07/20/2000	20YD ROLLOFF	88015	1.00	125.00
07/20/2000	DISPOSAL SPECIAL WASTE	88016	13.69	328.56
07/20/2000	20YD ROLLOFF	88016	1.00	125.00
07/20/2000	DISPOSAL SPECIAL WASTE	88017	12.31	295.44
07/20/2000	20YD ROLLOFF	88017	1.00	125.00
07/20/2000	DISPOSAL SPECIAL WASTE	88018	14.38	345.12
07/20/2000	20YD ROLLOFF	88018	1.00	125.00
07/20/2000	DISPOSAL SPECIAL WASTE	88019	15.60	374.40
07/20/2000	20YD ROLLOFF	88019	1.00	125.00
07/20/2000	DISPOSAL SPECIAL WASTE	88453	13.83	331.92
07/20/2000	20YD ROLLOFF	88453	1.00	125.00
07/21/2000	DISPOSAL SPECIAL WASTE	86706	15.51	372.24
07/21/2000	20YD ROLLOFF	86706	4.00	125.00
07/21/2000	DISPOSAL SPECIAL WASTE	88358	14.47	347.28
07/21/2000	20YD ROLLOFF	88358	1.00	125.00
07/21/2000	DISPOSAL SPECIAL WASTE	88359	14.23	341.52
07/21/2000	20YD ROLLOFF	88359	1.00	125.00

(Continued on next page)

PaymentTerms are NET 10 Days

TO RECEIVE PROPER CREDIT, RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVEL

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
Return Service Requested

ACCOUNT#	INVOICE DATE	INVOICE NUMB
806-36850	09/03/2000	2939-017153
CURRENT	TOTAL DUE	AMOUNT PAID
33,212.92	33,222.97	CHECK#

2939806003685000171533000033212920000033222973

806-36850
**SNGLP
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

000050

WASTE MANAGEMENT
OHIO - DAYTON
PO BOX 642410
PITTSBURGH PA 15264-2410

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
(937) 878-7000
(800) 228-1336

INVOICE

806-36850
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

Acct No: 806-36850
Invoice No: 2939-0171533
09/03/2000
Page: 0005-0009

806-36850 TCA ENVIRONMENTAL

Service Period Description: JULY SERVICE

2939-0171533 09/03/2000

(Continued from previous page)

07/21/2000	DISPOSAL SPECIAL WASTE	88360	13.34	320.16
07/21/2000	20YD ROLLOFF	88360	1.00	125.00
07/21/2000	DISPOSAL SPECIAL WASTE	88361	14.38	345.12
07/21/2000	20YD ROLLOFF	88361	1.00	125.00
07/21/2000	DISPOSAL SPECIAL WASTE	88362	13.18	316.32
07/21/2000	20YD ROLLOFF	88362	1.00	125.00
07/21/2000	DISPOSAL SPECIAL WASTE	88363	17.27	414.48
07/21/2000	20YD ROLLOFF	88363	1.00	125.00
07/24/2000	DISPOSAL SPECIAL WASTE	86845	14.49	347.76
07/24/2000	20YD ROLLOFF	86845	1.00	125.00
07/24/2000	TONS DISPOSAL-MONTGOMERY	88861	16.57	397.68
07/24/2000	20YD ROLLOFF	88861	1.00	125.00
07/24/2000	TONS DISPOSAL-MONTGOMERY	88863	13.74	329.76
07/24/2000	20YD ROLLOFF	88863	1.00	125.00
07/24/2000	DISPOSAL SPECIAL WASTE	88865	16.50	396.00
07/24/2000	20YD ROLLOFF	88865	1.00	125.00
07/24/2000	DISPOSAL SPECIAL WASTE	88866	16.07	385.68
07/24/2000	20YD ROLLOFF	88866	1.00	125.00
07/24/2000	DISPOSAL SPECIAL WASTE	88867	14.95	358.80

(Continued on next page)

PaymentTerms are NET 10 Days

TO RECEIVE PROPER CREDIT, RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
Return Service Requested

ACCOUNT#	INVOICE DATE	INVOICE NUMBER
806-36850	09/03/2000	2939-0171533
CURRENT	TOTAL DUE	AMOUNT PAID
33,212.92	33,222.97	CHECK#

2939806003685000171533000033212920000332229 7 3

806-36850
**SNGLP
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

WASTE MANAGEMENT
OHIO - DAYTON
PO BOX 642410
PITTSBURGH PA 15264-2410

000051

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
(937) 878-7000
(800) 228-1336

INVOICE

Acct No: 806-36850
Invoice No: 2939-0171533
09/03/2000
Page: 0006-0009

806-36850
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

806-36850 TCA ENVIRONMENTAL

Service Period Description: JULY SERVICE

2939-0171533 09/03/2000

(Continued from previous page)

07/24/2000	20YD ROLLOFF	88867	1.00	125.00
07/24/2000	DISPOSAL SPECIAL WASTE	88868	18.42	442.08
07/24/2000	20YD ROLLOFF	88868	1.00	125.00
07/24/2000	DISPOSAL SPECIAL WASTE	88869	12.72	305.28
07/24/2000	20YD ROLLOFF	88869	1.00	125.00
07/25/2000	DISPOSAL SPECIAL WASTE	88401	19.03	456.72
07/25/2000	20YD ROLLOFF	88401	1.00	125.00
07/25/2000	TONS DISPOSAL-MONTGOMERY	89034	15.16	363.84
07/25/2000	20YD ROLLOFF	89034	1.00	125.00
07/25/2000	TONS DISPOSAL-MONTGOMERY	89035	14.12	338.88
07/25/2000	20YD ROLLOFF	89035	1.00	125.00
07/25/2000	DISPOSAL SPECIAL WASTE	89036	13.54	324.96
07/25/2000	20YD ROLLOFF	89036	1.00	125.00
07/26/2000	DISPOSAL SPECIAL WASTE	88724	15.58	373.92
07/26/2000	20YD ROLLOFF	88724	1.00	125.00
07/26/2000	DISPOSAL SPECIAL WASTE	89206	18.33	439.92
07/26/2000	20YD ROLLOFF	89206	1.00	125.00
07/26/2000	DISPOSAL SPECIAL WASTE	89207	17.46	419.04
07/26/2000	20YD ROLLOFF	89207	1.00	125.00

(Continued on next page)

PaymentTerms are NET 10 Days

TO RECEIVE PROPER CREDIT, RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVE

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
Return Service Requested

ACCOUNT#	INVOICE DATE	INVOICE NUME
806-36850	09/03/2000	2939-017153
CURRENT	TOTAL DUE	AMOUNT PAID
33,212.92	33,222.97	CHECK#

2939806003685000171533000033212920000332229 7 3

806-36850
**SNGLP
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

WASTE MANAGEMENT
OHIO - DAYTON
PO BOX 642410
PITTSBURGH PA 15264-2410

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
(937) 878-7000
(800) 228-1336

INVOICE

Acct No: 806-36850
Invoice No: 2939-0171533
09/03/2000
Page: 0007-0009

806-36850
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

806-36850 TCA ENVIRONMENTAL

Service Period Description: JULY SERVICE

2939-0171533 09/03/2000

(Continued from previous page)

07/27/2000	DISPOSAL SPECIAL WASTE	88888	18.49	443.76
07/27/2000	20YD ROLLOFF	88888	4.00	125.00
07/27/2000	DISPOSAL SPECIAL WASTE	89205	17.93	430.32
07/27/2000	20YD ROLLOFF	89205	1.00	125.00
07/27/2000	DISPOSAL SPECIAL WASTE DISPOSAL/TON	89607	17.02	408.48
07/27/2000	20YD ROLLOFF	89607	1.00	125.00
07/27/2000	DISPOSAL SPECIAL WASTE DISPOSAL/TON	89608	16.25	390.00
07/27/2000	20YD ROLLOFF	89608	1.00	125.00
07/28/2000	DISPOSAL SPECIAL WASTE	89298	17.13	411.12
07/28/2000	20YD ROLLOFF	89298	1.00	125.00
07/28/2000	DISPOSAL SPECIAL WASTE DISPOSAL/TON	89856	13.81	331.44
07/28/2000	20YD ROLLOFF	89856	1.00	125.00
07/28/2000	DISPOSAL SPECIAL WASTE DISPOSAL/TON	89857	16.14	387.36
07/28/2000	20YD ROLLOFF	89857	1.00	125.00
07/28/2000	DISPOSAL SPECIAL WASTE	89992	16.88	405.12

(Continued on next page)

PaymentTerms are NET 10 Days

TO RECEIVE PROPER CREDIT, RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
Return Service Requested

ACCOUNT#	INVOICE DATE	INVOICE NUMBER
806-36850	09/03/2000	2939-0171533
CURRENT	TOTAL DUE	AMOUNT PAID
33,212.92	33,222.97	CHECK#

2939806003685000171533000033212920000332229 7 3

806-36850
**SNGLP
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

WASTE MANAGEMENT
OHIO - DAYTON
PO BOX 642410
PITTSBURGH PA 15264-2410

000053

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
(937) 878-7000
(800) 228-1336

INVOICE

Acct No: 806-36850
Invoice No: 2939-0171533
09/03/2000
Page: 0008-0009

806-36850
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

806-36850 TCA ENVIRONMENTAL

Service Period Description: JULY SERVICE

2939-0171533 09/03/2000

(Continued from previous page)

	DISPOSAL/TON		
07/28/2000	20YD ROLLOFF	89992 1.00	125.00
09/03/2000	FUEL SURCHARGE @ 1.70%	101.31	554.53
09/03/2000	1.00 MONTHLY CONTAINER RENTAL 1		30.00
	MONTGOMERY COUNTY SALES TAX		.45
	OHIO SALES TAX		1.50

TO MAINTAIN OPERATING MARGINS, THIS INVOICE REFLECTS A SURCHARGE DUE TO DRASTIC INCREASES IN FUEL COSTS. WE WILL ADJUST THE SURCHARGE AS PRICES RETURN TO HISTORICAL LEVELS!

Total This Invoice	33,212.92
Balance From Previous Billing	10.05
Total Account Balance	$33,222.97

(Continued on next page)

PaymentTerms are NET 10 Days

TO RECEIVE PROPER CREDIT RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
Return Service Requested

ACCOUNT#	INVOICE DATE	INVOICE NUMBER
806-36850	09/03/2000	2939-0171533
CURRENT	TOTAL DUE	AMOUNT PAID
33,212.92	33,222.97	CHECK#

2939806003685000171533000033212920000332229 7 3

806-36850
**SNGLP
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

000054

WASTE MANAGEMENT
OHIO - DAYTON
PO BOX 642410
PITTSBURGH PA 15264-2410

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
(937) 878-7000
(800) 228-1336

INVOICE

Acct No: 806-36850
Invoice No: 2939-0171533
09/03/2000
Page: 0009-0009

806-36850
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

806-36850 TCA ENVIRONMENTAL

Service Period Description: JULY SERVICE

2939-0171533 09/03/2000

(Continued from previous page)

Current	Over 30	Over 60	Over 90	Over 120
33,222.97				

PaymentTerms are NET 10 Days

TO RECEIVE PROPER CREDIT, RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

WASTE MANAGEMENT OF
OHIO - IWD
3975 WAGONER FORD ROAD
DAYTON, OH 45414
Return Service Requested

ACCOUNT#	INVOICE DATE	INVOICE NUMBER
806-36850	09/03/2000	2939-0171533
CURRENT	TOTAL DUE	AMOUNT PAID
33,212.92	33,222.97	CHECK#

2939806003685000171533000033212920000332229 7 3

806-36850
**SNGLP
TCA ENVIRONMENTAL
233 PIONEER BLVD
SPRINGBORO OH 45066

000055

WASTE MANAGEMENT
OHIO - DAYTON
PO BOX 642410
PITTSBURGH PA 15264-2410

	name	truck	ticket	time in	profile	generate	date	tons	waste	amount	comment
09	VALLEY ASPHALT CORP	6109	78115	8:06	600053	VALLEY	08/07/2000	0	900	128.35	VALLEY ASPHALT CO
09	VALLEY ASPHALT CORP	6109	78115	8:06	600053	VALLEY	08/07/2000	25.67	CONTSOILT	487.73	VALLEY ASPHALT CO
09	VALLEY ASPHALT CORP	6109	78115	8:06	600053	VALLEY	08/07/2000	0	HAUCH	128.35	VALLEY ASPHALT CO
09	VALLEY ASPHALT CORP	6123	78129	8:27	600053	VALLEY	08/07/2000	0	900	126.55	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78129	8:27	600053	VALLEY	08/07/2000	25.31	CONTSOILT	480.89	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78129	8:27	600053	VALLEY	08/07/2000	0	HAULING	126.55	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78188	10:43	600053	VALLEY	08/07/2000	0	900	136.70	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78188	10:43	600053	VALLEY	08/07/2000	27.34	CONTSOILT	519.46	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78188	10:43	600053	VALLEY	08/07/2000	0	HAULING	136.70	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78189	10:43	600053	VALLEY	08/07/2000	0	900	119.80	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78189	10:43	600053	VALLEY	08/07/2000	23.96	CONTSOILT	455.24	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78189	10:43	600053	VALLEY	08/07/2000	0	HAULING	119.80	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78190	10:44	600053	VALLEY	08/07/2000	0	900	142.55	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78190	10:44	600053	VALLEY	08/07/2000	28.51	CONTSOILT	541.69	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78190	10:44	600053	VALLEY	08/07/2000	0	HAULING	142.55	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78225	11:47	600053	VALLEY	08/07/2000	0	900	138.75	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78225	11:47	600053	VALLEY	08/07/2000	27.75	CONTSOILT	527.25	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78225	11:47	600053	VALLEY	08/07/2000	0	FUELSUR	3.16	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78225	11:47	600053	VALLEY	08/07/2000	0	HAULING	138.75	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78234	12:03	600053	VALLEY	08/07/2000	0	900	136.25	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78234	12:03	600053	VALLEY	08/07/2000	27.25	CONTSOILT	517.75	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78234	12:03	600053	VALLEY	08/07/2000	0	FUELSUR	3.10	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78234	12:03	600053	VALLEY	08/07/2000	0	HAULING	136.25	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78244	12:26	600053	VALLEY	08/07/2000	0	900	134.25	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78244	12:26	600053	VALLEY	08/07/2000	26.85	CONTSOILT	510.15	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78244	12:26	600053	VALLEY	08/07/2000	0	FUELSUR	3.06	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78244	12:26	600053	VALLEY	08/07/2000	0	HAULING	134.25	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78276	13:00	600053	VALLEY	08/07/2000	0	900	137.30	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78276	13:00	600053	VALLEY	08/07/2000	27.46	CONTSOILT	521.74	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78276	13:00	600053	VALLEY	08/07/2000	0	FUELSUR	3.13	VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6109	78276	13:00	600053	VALLEY	08/07/2000	0	HAULING	137.30	VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6118	78287	13:24	600053	VALLEY	08/07/2000	0	900	137.50	VALLEY ASHPALT
9	VALLEY ASPHALT CORP	6118	78287	13:24	600053	VALLEY	08/07/2000	27.50	CONTSOILT	522.50	VALLEY ASHPALT
9	VALLEY ASPHALT CORP	6118	78287	13:24	600053	VALLEY	08/07/2000	0	FUELSUR	3.13	VALLEY ASHPALT
9	VALLEY ASPHALT CORP	6118	78287	13:24	600053	VALLEY	08/07/2000	0	HAULING	137.50	VALLEY ASHPALT
9	VALLEY ASPHALT CORP	6123	78298	13:47	600053	VALLEY	08/07/2000	0	900	129.25	VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6123	78298	13:47	600053	VALLEY	08/07/2000	25.85	CONTSOILT	491.15	VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6123	78298	13:47	600053	VALLEY	08/07/2000	0	FUELSUR	2.94	VALLEY ASPHALT

009	VALLEY ASPHALT CORP	6123	78298	13:47	600053	VALLEY	08/07/2000	0	HAULING	129.25 VALLEY ASPHALT
009	VALLEY ASPHALT CORP	6109	78308	14:07	600053	VALLEY	08/07/2000	0	900	131.15 VALLEY ASPHALT
009	VALLEY ASPHALT CORP	6109	78308	14:07	600053	VALLEY	08/07/2000	26.23	CONTSOILT	498.37 VALLEY ASPHALT
009	VALLEY ASPHALT CORP	6109	78308	14:07	600053	VALLEY	08/07/2000	0	FUELSUR	2.99 VALLEY ASPHALT
009	VALLEY ASPHALT CORP	6109	78308	14:07	600053	VALLEY	08/07/2000	0	HAULING	131.15 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78332	14:46	600053	VALLEY	08/07/2000	0	900	141.10 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78332	14:46	600053	VALLEY	08/07/2000	28.22	CONTSOILT	536.18 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78332	14:46	600053	VALLEY	08/07/2000	0	FUELSUR	3.21 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78332	14:46	600053	VALLEY	08/07/2000	0	HAULING	141.10 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78342	15:05	600053	VALLEY	08/07/2000	0	900	140.50 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78342	15:05	600053	VALLEY	08/07/2000	28.10	CONTSOILT	533.90 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78342	15:05	600053	VALLEY	08/07/2000	0	FUELSUR	3.20 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78342	15:05	600053	VALLEY	08/07/2000	0	HAULING	140.50 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78351	15:36	600053	VALLEY	08/07/2000	0	900	137.20 VALLEY ASPHALT CO
09	VALLEY ASPHALT CORP	6109	78351	15:36	600053	VALLEY	08/07/2000	27.44	CONTSOILT	521.36 VALLEY ASPHALT CO
09	VALLEY ASPHALT CORP	6109	78351	15:36	600053	VALLEY	08/07/2000	0	FUELSUR	3.12 VALLEY ASPHALT CO
09	VALLEY ASPHALT CORP	6109	78351	15:36	600053	VALLEY	08/07/2000	0	HAULING	137.20 VALLEY ASPHALT CO
09	VALLEY ASPHALT CORP	6118	78359	15:54	600053	VALLEY	08/07/2000	0	900	130.40 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78359	15:54	600053	VALLEY	08/07/2000	26.08	CONTSOILT	495.52 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78359	15:54	600053	VALLEY	08/07/2000	0	FUELSUR	2.97 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78359	15:54	600053	VALLEY	08/07/2000	0	HAULING	130.40 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78362	16:03	600053	VALLEY	08/07/2000	0	900	58.15 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78362	16:03	600053	VALLEY	08/07/2000	11.63	CONTSOILT	220.97 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78362	16:03	600053	VALLEY	08/07/2000	0	FUELSUR	1.32 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78362	16:03	600053	VALLEY	08/07/2000	0	HAULING	58.15 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78403	7:44	600053	VALLEY	08/08/2000	0	900	118.70 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78403	7:44	600053	VALLEY	08/08/2000	23.74	CONTSOILT	451.06 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78403	7:44	600053	VALLEY	08/08/2000	0	FUELSUR	2.70 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78403	7:44	600053	VALLEY	08/08/2000	0	HAULING	118.70 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78412	8:09	600053	VALLEY	08/08/2000	0	900	138.55 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78412	8:09	600053	VALLEY	08/08/2000	27.71	CONTSOILT	526.49 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78412	8:09	600053	VALLEY	08/08/2000	0	FUELSUR	3.15 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6109	78412	8:09	600053	VALLEY	08/08/2000	0	HAULING	138.55 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6123	78430	8:38	600053	VALLEY	08/08/2000	0	900	138.00 VALLEY ASPHALT CO
9	VALLEY ASPHALT CORP	6123	78430	8:38	600053	VALLEY	08/08/2000	27.60	CONTSOILT	524.40 VALLEY ASPHALT CO
9	VALLEY ASPHALT CORP	6123	78430	8:38	600053	VALLEY	08/08/2000	0	FUELSUR	3.14 VALLEY ASPHALT CO
9	VALLEY ASPHALT CORP	6123	78430	8:38	600053	VALLEY	08/08/2000	0	HAULING	138.00 VALLEY ASPHALT CO
9	VALLEY ASPHALT CORP	6118	78451	9:13	600053	VALLEY	08/08/2000	0	900	150.70 VALLEY ASPHALT CO
9	VALLEY ASPHALT CORP	6118	78451	9:13	600053	VALLEY	08/08/2000	30.14	CONTSOILT	572.66 VALLEY ASPHALT CO

000057

09	VALLEY ASPHALT CORP	6118	78451	9:13	600053	VALLEY	08/08/2000	0	FUELSUR	3.43 VALLEY ASPHALT CO
09	VALLEY ASPHALT CORP	6118	78451	9:13	600053	VALLEY	08/08/2000	0	HAULING	150.70 VALLEY ASPHALT CO
09	VALLEY ASPHALT CORP	6109	78467	9:39	600053	VALLEY	08/08/2000	0	900	141.45 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78467	9:39	600053	VALLEY	08/08/2000	28.29	CONTSOILT	537.51 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78467	9:39	600053	VALLEY	08/08/2000	0	FUELSUR	3.22 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78467	9:39	600053	VALLEY	08/08/2000	0	HAULING	141.45 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78472	9:59	600053	VALLEY	08/08/2000	0	900	151.90 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78472	9:59	600053	VALLEY	08/08/2000	30.38	CONTSOILT	577.22 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78472	9:59	600053	VALLEY	08/08/2000	0	FUELSUR	3.46 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78472	9:59	600053	VALLEY	08/08/2000	0	HAULING	151.90 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78481	10:16	600053	VALLEY	08/08/2000	0	900	122.65 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78481	10:16	600053	VALLEY	08/08/2000	24.53	CONTSOILT	466.07 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78481	10:16	600053	VALLEY	08/08/2000	0	FUELSUR	2.79 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78481	10:16	600053	VALLEY	08/08/2000	0	HAULING	122.65 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78500	10:38	600053	VALLEY	08/08/2000	0	900	137.70 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78500	10:38	600053	VALLEY	08/08/2000	27.54	CONTSOILT	523.26 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78500	10:38	600053	VALLEY	08/08/2000	0	FUELSUR	3.13 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78500	10:38	600053	VALLEY	08/08/2000	0	HAULING	137.70 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78516	11:16	600053	VALLEY	08/08/2000	0	900	130.05 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78516	11:16	600053	VALLEY	08/08/2000	26.01	CONTSOILT	494.19 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78516	11:16	600053	VALLEY	08/08/2000	0	FUELSUR	2.96 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78516	11:16	600053	VALLEY	08/08/2000	0	HAULING	130.05 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78527	11:34	600053	VALLEY	08/08/2000	0	900	123.15 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78527	11:34	600053	VALLEY	08/08/2000	24.63	CONTSOILT	467.97 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78527	11:34	600053	VALLEY	08/08/2000	0	FUELSUR	2.80 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78527	11:34	600053	VALLEY	08/08/2000	0	HAULING	123.15 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78543	12:04	600053	VALLEY	08/08/2000	0	900	140.35 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78543	12:04	600053	VALLEY	08/08/2000	28.07	CONTSOILT	533.33 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78543	12:04	600053	VALLEY	08/08/2000	0	FUELSUR	3.20 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78543	12:04	600053	VALLEY	08/08/2000	0	HAULING	140.35 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6123	78560	12:28	600053	VALLEY	08/08/2000	0	900	145.60 VALLE ASPHALT
9	VALLEY ASPHALT CORP	6123	78560	12:28	600053	VALLEY	08/08/2000	29.12	CONTSOILT	553.28 VALLE ASPHALT
9	VALLEY ASPHALT CORP	6123	78560	12:28	600053	VALLEY	08/08/2000	0	FUELSUR	3.31 VALLE ASPHALT
9	VALLEY ASPHALT CORP	6123	78560	12:28	600053	VALLEY	08/08/2000	0	HAULING	145.60 VALLE ASPHALT
9	VALLEY ASPHALT CORP	6118	78577	12:54	600053	VALLEY	08/08/2000	0	900	134.40 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6118	78577	12:54	600053	VALLEY	08/08/2000	26.88	CONTSOILT	510.72 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6118	78577	12:54	600053	VALLEY	08/08/2000	0	FUELSUR	3.06 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6118	78577	12:54	600053	VALLEY	08/08/2000	0	HAULING	134.40 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6109	78588	13:18	600053	VALLEY	08/08/2000	0	900	131.30 VALLEY ASPHALT

09	VALLEY ASPHALT CORP	6109	78588	13:16	600053	VALLEY	08/08/2000	26.26	CONTSOILT	498.94 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78588	13:16	600053	VALLEY	08/08/2000	0	FUELSUR	2.99 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78588	13:16	600053	VALLEY	08/08/2000	0	HAULING	131.30 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78632	14:20	600053	VALLEY	08/08/2000	0	900	136.65 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78632	14:20	600053	VALLEY	08/08/2000	27.33	CONTSOILT	519.27 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78632	14:20	600053	VALLEY	08/08/2000	0	FUELSUR	3.11 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78632	14:20	600053	VALLEY	08/08/2000	0	HAULING	136.65 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78650	14:42	600053	VALLEY	08/08/2000	0	900	145.20 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78650	14:42	600053	VALLEY	08/08/2000	29.04	CONTSOILT	551.76 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78650	14:42	600053	VALLEY	08/08/2000	0	FUELSUR	3.31 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78650	14:42	600053	VALLEY	08/08/2000	0	HAULING	145.20 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78663	15:05	600053	VALLEY	08/08/2000	0	900	135.65 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78663	15:05	600053	VALLEY	08/08/2000	27.13	CONTSOILT	515.47 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78663	15:05	600053	VALLEY	08/08/2000	0	FUELSUR	3.09 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6109	78663	15:05	600053	VALLEY	08/08/2000	0	HAULING	135.65 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78677	15:43	600053	VALLEY	08/08/2000	0	900	138.30 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78677	15:43	600053	VALLEY	08/08/2000	27.66	CONTSOILT	525.54 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78677	15:43	600053	VALLEY	08/08/2000	0	FUELSUR	3.15 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78677	15:43	600053	VALLEY	08/08/2000	0	HAULING	138.30 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78686	16:09	600053	VALLEY	08/08/2000	0	900	125.85 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78686	16:09	600053	VALLEY	08/08/2000	25.17	CONTSOILT	478.23 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78686	16:09	600053	VALLEY	08/08/2000	0	FUELSUR	2.86 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6118	78686	16:09	600053	VALLEY	08/08/2000	0	HAULING	125.85 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78744	8:06	600053	VALLEY	08/09/2000	0	900	147.35 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78744	8:06	600053	VALLEY	08/09/2000	29.47	CONTSOILT	559.93 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78744	8:06	600053	VALLEY	08/09/2000	0	FUELSUR	3.35 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78744	8:06	600053	VALLEY	08/09/2000	0	HAULING	147.35 VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6124	78764	8:34	600053	VALLEY	08/09/2000	0	900	155.35 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6124	78764	8:34	600053	VALLEY	08/09/2000	31.07	CONTSOILT	590.33 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6124	78764	8:34	600053	VALLEY	08/09/2000	0	FUELSUR	3.54 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6124	78764	8:34	600053	VALLEY	08/09/2000	0	HAULING	155.35 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6123	78783	9:09	600053	VALLEY	08/09/2000	0	900	139.35 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6123	78783	9:09	600053	VALLEY	08/09/2000	27.87	CONTSOILT	529.53 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6123	78783	9:09	600053	VALLEY	08/09/2000	0	FUELSUR	3.17 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6123	78783	9:09	600053	VALLEY	08/09/2000	0	HAULING	139.35 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6124	78794	9:32	600053	VALLEY	08/09/2000	0	900	137.90 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6124	78794	9:32	600053	VALLEY	08/09/2000	27.58	CONTSOILT	524.02 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6124	78794	9:32	600053	VALLEY	08/09/2000	0	FUELSUR	3.14 VALLEY ASPHALT
9	VALLEY ASPHALT CORP	6124	78794	9:32	600053	VALLEY	08/09/2000	0	HAULING	137.90 VALLEY ASPHALT

000059

09	VALLEY ASPHALT CORP	6123	78824	10:23	600053	VALLEY	08/09/2000	0	900	131.50	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78824	10:23	600053	VALLEY	08/09/2000	26.3	CONTSOILT	499.70	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78824	10:23	600053	VALLEY	08/09/2000	0	FUELSUR	2.99	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6123	78824	10:23	600053	VALLEY	08/09/2000	0	HAULING	131.50	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6124	78830	10:39	600053	VALLEY	08/09/2000	0	900	121.35	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6124	78830	10:39	600053	VALLEY	08/09/2000	24.27	CONTSOILT	461.13	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6124	78830	10:39	600053	VALLEY	08/09/2000	0	FUELSUR	2.76	VALLEY ASPHALT
09	VALLEY ASPHALT CORP	6124	78830	10:39	600053	VALLEY	08/09/2000	0	HAULING	121.35	VALLEY ASPHALT
D/RO	INDUSTRIAL WASTE DISPOSAL	I495/20	80889	16:35	600053	VALLEY	08/17/2000	0	900	77.00	TCA ENVIRONMENTAL
D/RO	INDUSTRIAL WASTE DISPOSAL	I495/20	80889	16:35	600053	VALLEY	08/17/2000	15.40	CONTSOILT	292.60	TCA ENVIRONMENTAL
D/RO	INDUSTRIAL WASTE DISPOSAL	I433/20	81667	10:21	600053	VALLEY	08/22/2000	0	900	79.40	VALLEY ASPHALT
D/RO	INDUSTRIAL WASTE DISPOSAL	I433/20	81667	10:21	600053	VALLEY	08/22/2000	15.88	CONTSOILT	301.72	VALLEY ASPHALT
D/RO	INDUSTRIAL WASTE DISPOSAL	I433/20	81667	10:21	600053	VALLEY	08/22/2000	0	FUELSUR	1.81	VALLEY ASPHALT
D/RO	INDUSTRIAL WASTE DISPOSAL	I433/20	81677	10:44	600053	VALLEY	08/22/2000	0	900	79.65	VALLEY ASPHALT
D/RO	INDUSTRIAL WASTE DISPOSAL	I433/20	81677	10:44	600053	VALLEY	08/22/2000	15.93	CONTSOILT	302.67	VALLEY ASPHALT
/RO	KOOGLER SUBURBAN-ROLLOFF	I433/20	81714	11:45	600053	VALLEY	08/22/2000	0	900	71.15	VALLEY ASPHALT (TCA
/RO	KOOGLER SUBURBAN-ROLLOFF	I433/20	81714	11:45	600053	VALLEY	08/22/2000	14.23	CONTSOILT	270.37	VALLEY ASPHALT (TCA
					600053 Total			1186.38		34212.77	
					Grand Total			1,186.38		$34,212.77	

APPENDIX F

Solid Waste and Infectious Waste Regulations

*This report is **Company Proprietary**, and the confidential property of TCA Environmental , Inc. and the client.*
No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.

with the approved explosive gas monitoring plan. Authorization shall be granted upon the director's finding that there is no significant likelihood of future explosive gas formation and migration sufficient to require action under the contingency plan.

(M) Upon the demolition of an occupied structure, or the elimination of a potential explosive gas migration pathway, or other circumstances which may eliminate the potential hazard to occupied structures, the person identified in paragraph (A) of this rule may apply to the director for authorization to discontinue monitoring or abandon the permanent monitors probes. Such a request shall include the following:

(1) Identification of the landfill site;

(2) Description of the proposed activity for which authorization is being requested;

(3) Details regarding how the potential hazard to occupied structures has been eliminated;

(4) A proposed schedule for the implementation of the proposed activities.

(N) If new occupied structures or explosive gas pathways are built within one thousand feet of solid waste placement, or if topographic or other changes occur in the vicinity of the landfill, such that a potential for explosive gas migration towards any occupied structure is created, the person identified in paragraphs (A)(2) and (A)(3) of this rule shall submit a new explosive gas monitoring plan in accordance with this rule or revise all applicable sections of the approved plan to address this potential and submit the plan to the director for approval. The person identified in paragraphs (A)(1) of this rule shall revise the explosive gas monitoring plan, place the revised plan into the operating record in accordance with rule 3745-27-09 of the Administrative Code, and implement the revised plan.

(O) Upon the director's finding that explosive gas formation and migration threaten human health, safety or the environment, he may order the person identified in paragraph (A) of this rule to perform such measures to abate or minimize the formation or migration of explosive gas.

(P) The director may require the installation of additional temporary or permanent monitors or abandonment of permanent monitors as necessary to monitor explosive gas pathways or eliminate the potential contamination of ground water.

(Q) The explosive gas monitoring plan, certification reports, and all revisions shall be submitted by the person identified in paragraph (A) of this rule to to the appropriate Ohio EPA district office and to the approved health department, and for a sanitary landfill facility subject to paragraph (A)(1) or (A)(2) of this rule, into the operating record in accordance with rule 3745-27-09 of the Administrative Code.

(Effective June 12, 1989; June 1, 1994)

3745-27-13 Authorization to engage in filling, grading, excavating, building, drilling, or mining on land where a hazardous waste facility or solid waste facility was operated.

(A) No person shall, without prior authorization from the director, engage in filling, grading, excavating, building, drilling, or mining on land where a hazardous waste facility or solid waste facility was operated.

(B)(1) This rule does not apply to filling, grading, excavating, building, drilling, or mining for which:

(a) The owner or operator of a solid waste facility has obtained a permit to install in accordance with the requirements of Chapter 3745-31 of the Administrative Code, and an effective solid waste disposal license in accordance with the requirements of Chapter 3745-37 of the Administrative Code, and that is in accordance with authorized development, operating, maintenance or monitoring practices at the facility;

(b) The owner or operator of a hazardous waste treatment, storage, or disposal facility has obtained a permit, plan approval, or other authorization in accordance with the requirements of Chapter 3734. of the Revised Code and that is in accordance with authorized development, operating, maintenance, or monitoring practices at the facility.

(c) The owner or operator of a solid waste facility or hazardous waste treatment, storage or disposal facility is exempted or otherwise excluded from requirements to obtain permits or licenses under Chapter 3734. of the Revised Code.

(2) This rule does not apply to a person to whom the director has issued a final order under which this person will fill, grade, excavate, drill, build, or mine at a site as part of a corrective or remedial investigation or action, ground-water investigation, or other investigation or action to abate air or water pollution or soil contamination, or to protect public health and safety under Chapter 6111. or 3734. of the Revised Code.

(3) A public utility as defined in section 4905.02 of the Revised Code that has main or distribution lines above or below the surface, located on an easement or right-of-way across land where a solid waste facility was operated.

may engage in any such activity within the easement or right-of-way without prior authorization from the director for purposes of performing emergency repair or emergency replacement of its lines; of the poles, towers, foundations, or other structures supporting or sustaining any such lines; or of the appurtenances to those structures necessary to restore or maintain existing public utility service. A public utility may enter upon any such easement or right-of-way without prior authorization from the director for the purposes of performing necessary or routine maintenance of those portions of its existing lines; of the existing poles, towers, foundations, or other structures sustaining or supporting its lines; or of the appurtenances to any such supporting or sustaining structures, located on or above the land surface on any such easement or right-of-way. Within twenty-four hours after commencing any such emergency repair or replacement or maintenance work, the public utility shall notify the director or his authorized representative of those activities and shall provide such information regarding those activities as the director or his representative may request. Upon completion of the emergency repair or replacement or maintenance activities, the public utility shall restore any land of the solid waste facility disturbed by those activities to the condition existing prior to the commencement of those activities.

(4) This rule does not apply to routine maintenance of final cover.

(5) This rule does not apply to routine agricultural, horticultural, recreational, or maintenance activities done by occupants of single-family homes on their own premises.

(C) Any person wishing to obtain an authorization under this rule shall provide such information to the director as necessary for him to make a determination that such activity will not create a nuisance and is unlikely to adversely affect the public safety or health or the environment, including as appropriate, the following information in the following order:

(1) The location specified on a 7 1/2 minute USGS topographical map and on a topographic map with a maximum scale of one inch equals two hundred feet, legal description, type of facility, demonstration of current property ownership, and demonstration of current facility ownership.

(2) The specific activities and their intended purposes for which authorization is requested.

(3) Discussion of all previous and existing permits, licenses, approvals, and orders pertaining to past and ongoing waste treatment, storage, or disposal activities issued under local, state, and federal environmental regulations for lands upon which authorization under this rule is requested.

(4) Letters of acknowledgment from the owners of all parcels of land to which the authorization pertains.

(5) Copies of letters of notice to:

(a) The board of health of the health district wherein the facility is located;

(b) The local zoning authority having jurisdiction over the geographical area where the facility is located, if any;

(c) Letters of notice shall state that authorization under this rule is being requested and shall include a legal description of the affected site.

(6) A discussion of the facility's present or known prior use for hazardous waste or solid waste treatment, storage or disposal, including a summary and discussion of all available documentation pertaining to the dates of operation, types and quantities of waste handled at the facility, and ownership.

(7) For closed facilities or closed waste treatment, storage, or disposal areas at an operating facility, a detailed discussion of the closure activities, if any, performed at the facility and an evaluation of the present condition of the closed facility.

(8) A detailed description of the manner by which the proposed filling, grading, excavating, building, drilling, or mining will be accomplished.

(9) A detailed plan describing the manner by which the proposed filling, grading, excavating, building, drilling, or mining will be accomplished in compliance with all applicable state and federal laws and regulations pertaining to environmental protection, including but not limited to control of air emissions, control of leachate, surface water run-on and run-off, and protection of ground water.

(10) A detailed description of the procedures to be followed should solid or hazardous waste or potentially contaminated soils be removed from the closed facility. The description shall address procedures for representative sampling of waste and potentially contaminated soil, sample analysis, and the selection of the appropriate disposal method, and shall provide for the submittal of a copy of a letter of acceptance from a disposal facility to the director prior to any removal of waste or contaminated soil from the property. Waste and contaminated soils which have been removed from the closed facility must be collected and disposed of in accordance with Chapter 3734, of the Revised Code.

(11) A detailed description of the procedures to be followed in reestablishing or instituting a formal closure of the facility upon completion of

000063

the proposed filling, grading, excavating, building, drilling, or mining. The reestablishing or instituting of the closure of the facility shall be in accordance with the applicable provisions of Chapter 3734. of the Revised Code and the rules promulgated thereunder.

(12) Other such information as the director deems necessary to determine that these activities will be in compliance with all applicable laws and regulations administered by the director.

(D)(1) Requests for authorization to engage in filling, grading, excavating, drilling, building, or mining on land where a hazardous waste facility or a solid waste facility was operated shall be signed as follows:

(a) In the case of a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative if such representative is responsible for the overall operation of the facility;

(b) In the case of a partnership, by a general partner;

(c) In the case of a sole proprietorship, by the proprietor; and

(d) In the case of a municipal, state, federal, or other governmental facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.

(2) The signature shall constitute personal affirmation that all statements or assertions of fact made in the application are true and complete and comply fully with applicable state requirements, and shall subject the signatory to liability under applicable state laws forbidding false or misleading statements, and shall be notarized.

(E) An incomplete request shall not be considered. Within sixty days of the date of receipt of an incomplete request, the director or his authorized representative shall notify the applicant of the nature of any deficiency and of the director's refusal to consider the request until the deficiency is rectified and the application is deemed complete.

(F) The director shall not grant an authorization to engage in filling, grading, excavating, drilling, building, or mining on land where a hazardous waste facility or a solid waste facility was operated unless he determines that such authorization will not result in violation of applicable laws and regulations administered by the director, will not create a nuisance and is unlikely to adversely affect the public safety or health or the environment.

(G) The director may impose such special terms and conditions as part of the authorization to engage in filling, grading, excavating, drilling, building, or mining on land where a hazardous waste facility or a solid waste facility was operated as are appropriate or necessary to ensure compliance with all applicable laws and regulations administered by the director, and to ensure protection of public health and safety and the environment.

(H) An authorization to engage in filling, grading, excavating, drilling, building, or mining on land where a hazardous waste facility or a solid waste facility was operated shall terminate within eighteen months of its effective date if the person to whom authorization was granted has not begun the activities authorized thereby or has not entered into a binding contractual obligation to undertake and complete the activities authorized thereby within twenty-four months of the effective date of the authorization.

(I) The director may extend the date of expiration of any authorization to engage in filling, grading, excavating, drilling, building, or mining on land where a hazardous waste facility or a solid waste facility was operated by up to twelve months if the person to whom authorization was granted submits, at least sixty days prior to the original termination date, a request for an extension of the authorization containing information that, in the judgment of the director, justifies an extension of time. No appeal taken from denial of extension of an expiration date shall prevent termination of the authorization during the period between denial of an extension and final disposition of the appeal unless prohibited by any court or administrative body having jurisdiction over the matter.

(J) The director may revoke an authorization to engage in filling, grading, excavating, drilling, building, or mining on land where a hazardous waste facility or a solid waste facility was operated if he concludes at any time that any applicable laws have been or are likely to be violated or continued implementation of the approved plans may cause a threat to human health or safety or the environment.

(K) Authorization to engage in filling, grading, excavating, drilling, building, or mining on land where a hazardous waste facility or a solid waste facility was operated shall be granted, extended, revoked, or denied in accordance with the provision of Chapters 119. and 3745. of the Revised Code and Chapter 3745-47 of the Administrative Code.

(Effective November 17, 1988; March 9, 1989; June 12, 1989)

3745-27-14 Post-closure care of sanitary landfill facilities.

(A) Following completion of final closure activities in accordance with rule 3745-27-11 of the Administrative Code or following closure activi-

00006

APPENDIX G

Ohio M.C.L. Standards

*This report is **Company Proprietary**, and the confidential property of TCA Environmental , Inc. and the client. No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.*

MAXIMUM CONTAMINANT LEVEL (MCL) STANDARDS AND REPORTING LIMITS FOR CHEMICAL ANALYTES

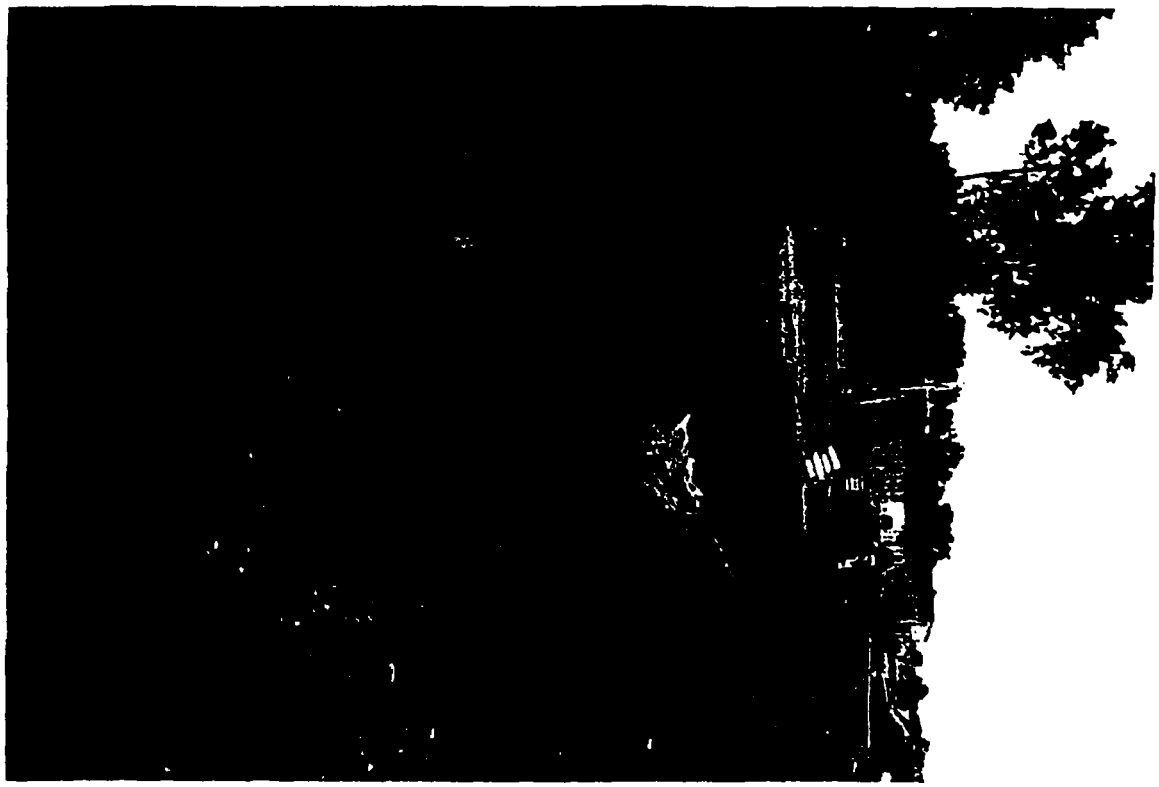
INORGANIC	MCL (µg/L)	REPORTING LIMIT (µg/L)
Antimony	6.0	4.0
Arsenic	50.0	5.0
Asbestos	7 million fibers/liter (longer than 10 um)	Not yet established
Barium	2,000	300.0
Beryllium	4.0	1.0
Cadmium	5.0	1.0
Chromium	100.0	10.0
Copper	Action Level: 1,300	50.0
Cyanide	200.0	Not yet established
Fluoride	4,000	Not yet established
Lead	Action Level: 15.0	5.0
Mercury	2.0	0.5
Nickel	100.0	20.0
Nitrate (as N)	10,000	Not yet established
Nitrate-Nitrite (as N)	10,000	Not yet established
Nitrite (as N)	1,000	Not yet established
Selenium	50.0	5.0
Thallium	2.0	1.5
PESTICIDE/SOC	**MCL (µg/L)**	**REPORTING LIMIT (µg/L)**
Alachlor	2.0	0.2
Aldicarb	7.0 (proposed)	0.7
Aldicarb sulfone	7.0 (proposed)	0.7
Aldicarb sulfoxide	7.0 (proposed)	0.7
Aldrin	None	30.0
Atrazine	3.0	0.3
Benzo(a)pyrene	0.2	0.02
Butachlor	None	10.0
Carbaryl	None	10.0
Carbofuran	40.0	4.0
Chlordane - Total	2.0	0.2
Dalapon	200.0	20.0
Dibromochloropropane (DBCP)	0.2	0.02
Dicamba	None	10.0
Dieldrin	None	20.0
Di(2-ethylhexyl)adipate	400.0	40.0
Di(2-ethylhexyl)phthalate	6.0	0.6
2,4-D	70.0	7.0
Dinoseb	7.0	0.7
Diquat	20.0	2.0
Endothall	100.0	10.0
Endrin	2.0	0.2
Ethylene dibromide (EDB)	0.05	0.02
Glyphosate	700.0	70.0
Heptachlor	0.4	0.04
Heptachlor epoxide		

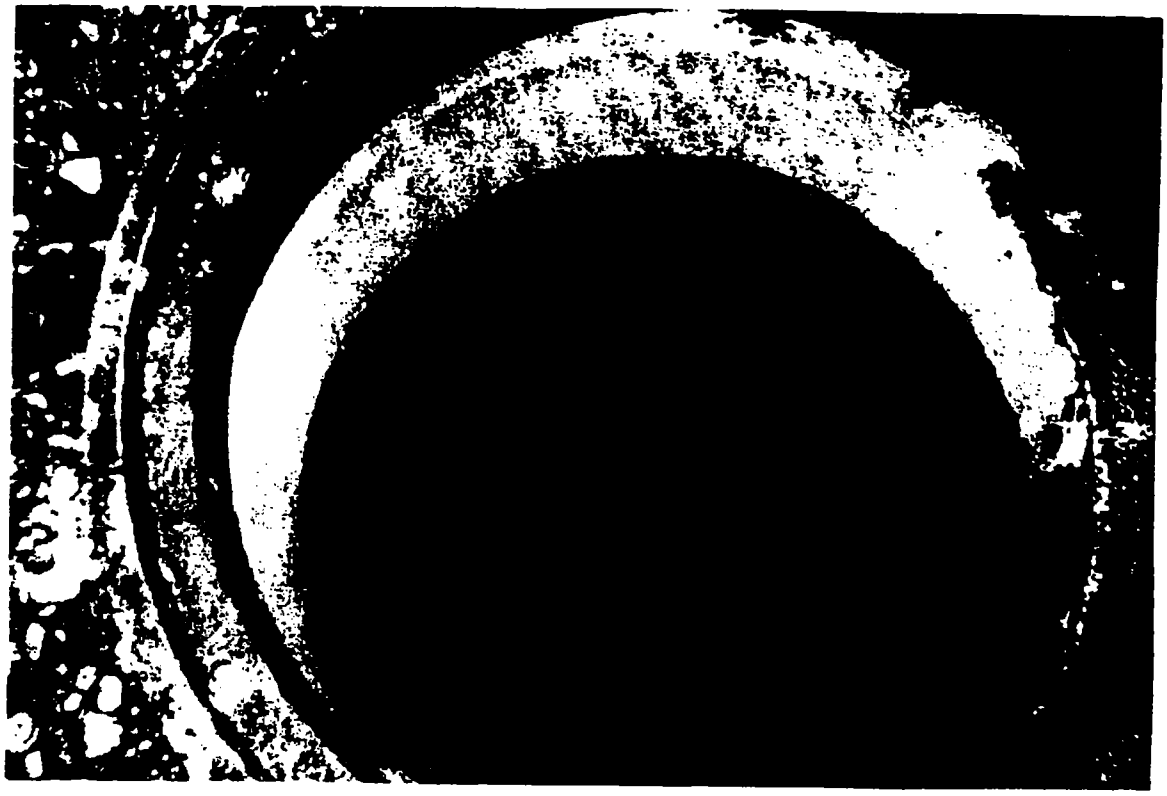
...obenzene	1.0	0.1
...lorocyclopentadiene	50.0	5.0
...ydroxycarbofuran	None	10.0
...ndane	0.2	0.02
...lethomyl	None	50.0
...lethoxychlor	40.0	4.0
...letolachlor	None	5.0
...letribuzin	None	2.0
...xamyl (Vydate)	200.0	20.0
...entachlorophenol	1.0	0.1
...icloram	500.0	50.0
...olychlorinated Biphenyls (PCB's) - Total	0.5	0.1
...ropachlor	None	10.0
...imazine	4.0	0.4
...,3,7,8-TCDD (Dioxin)	3×10^{-5}	5×10^{-6}
...oxaphene	3.0	1.0
...,4,5-TP (Silvex)	50.0	5.0
RADIOLOGICAL	**MCL (pCi/L)**	**REPORTING LIMIT (pCi/L)**
...eta particle activity	50	4
...ombined Radium 226 and Radium 228	5	1
...ross Alpha particle activity	15	3
...-TRIHALOMETHANES (THMS)	**MCL (mg/L)**	**REPORTING LIMIT (mg/L)**
...otal THMs: Sum concentration of ...romodichloromethane, Bromoform, ...hloroform and Dibromochloromethane	0.10	Not yet established
VOLATILE ORGANIC CHEMICALS (VOCs)	**MCL (µg/L)**	**REPORTING LIMIT (µg/L)**
...enzene	5.0	0.5
...arbon tetrachloride	5.0	0.5
...s-1,2-Dichloroethylene	70.0	0.5
...ichloromethane	5.0	0.5
...,1-Dichloroethylene	7.0	0.5
...,2-Dichloroethane	5.0	0.5
...,2-Dichloropropane	5.0	0.5
...thylbenzene	700.0	0.5
...lonochlorobenzene	100.0	0.5
...-Dichlorobenzene	600.0	0.5
...ara-Dichlorobenzene	75.0	0.5
...tyrene	100.0	0.5
...etrachloroethylene	5.0	0.5
...oluene	1,000.0	0.5
...ans-1,2-Dichloroethylene	100.0	0.5
...richloroethylene	5.0	0.5
...,1,1-Trichloroethane	200.0	0.5
...,2,4-Trichlorobenzene	70.0	0.5
...,1,2-Trichloroethane	5.0	0.5
...nyl Chloride	2.0	0.5
...ylenes (total)	10,000.0	0.5
...nregulated VOCs (currently no MCL standards)		0.5

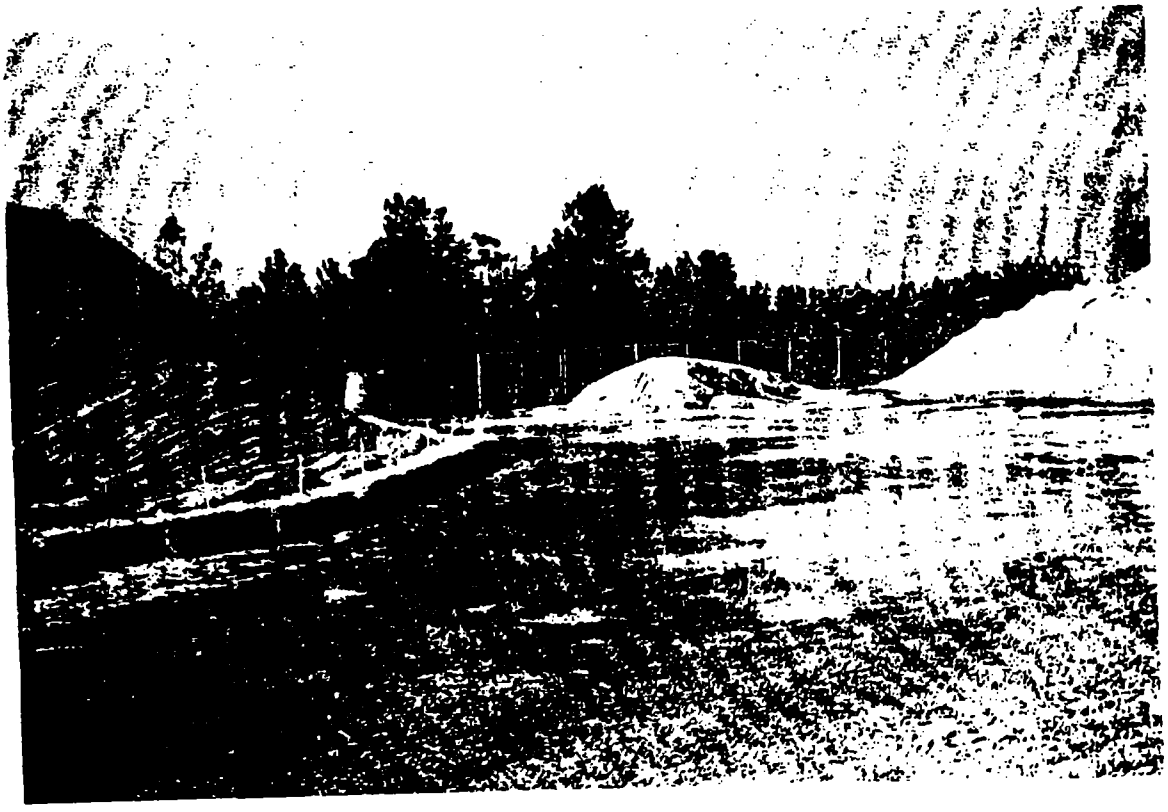
APPENDIX H

Photo Documentation

This report is Company Proprietary, and the confidential property of TCA Environmental, Inc. and the client. No copying or distribution is authorized, except by express permission of TCA Environmental, Inc. or the client.







OHI... EPA

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) OCT 1 2000 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Dayton Asphalt Corporation
1981 Dryden Road
Dayton OH 45[illegible]

4. Generator's Phone (513) 243-8986

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name: Clean Harbors Env Services Inc

6. US EPA ID Number: M A D [illegible]

C. State Transporter's ID

D. Transporter's Phone: 781 [illegible]-1800

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Spring Grove Resource Recovery
4879 Spring Grove Avenue
Cincinnati OH 45232

10. US EPA ID Number: O H [illegible]

G. State Facility's ID

H. Facility's Phone: [illegible]-5736

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	HM	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. HAZARDOUS WASTE SOLID, N.O.S. (CADMIUM, LEAD, PCBS, CADMIUM) 9, NA3077, III	X	[illegible]	[illegible]	[illegible]		D006 D008 [illegible]
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
11a [illegible] D006, D008, D018, D043

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
IN EMERGENCY [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name | Signature | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name | Signature | Month Day Year

North Coast Environmental Laboratories, Inc.

NORTH COAST ID: 22364-22369

CLIENT: TCA ENVIRONMENTAL
223 PIONEER BLVD.
SPRINGBORO, OHIO 45066

CONTACT: DAVID SCARDINO

PROJECT: VALLEY ASPHALT

TCA ID	NC ID
10/4/00 VALLEY A	22364
10/4/00 VALLEY B	22365
10/4/00 VALLEY C	22366
10/4/00 VALLEY D	22367
10/4/00 VALLEY E	22368
10/4/00 VALLEY F	22369

TESTS REQUESTED: PCB 22369: TCLP LEAD, VOLATILES

DATE RECEIVED: OCTOBER 6, 2000

DATE REPORTED: OCTOBER 12, 2000

REVIEWED BY: APPROVED BY:

10100 Wellman Road • Streetsboro, Ohio 44241
(800) 586-4666 • Fax (330) 342-0088

NORTH COAST ID: 22369
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT
TCA ID: 10/4/00 VALLEY F

VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260A - SOIL

COMPOUND	RESULTS (µg/Kg)	DETECTION LIMIT (µg/Kg)
BENZENE	ND	5
BROMOBENZENE	ND	5
BROMOCHLOROMETHANE	ND	5
BROMODICHLOROMETHANE	ND	5
BROMOFORM	ND	5
BROMOMETHANE	ND	10
N-BUTYLBENZENE	ND	5
SEC-BUTYLBENZENE	ND	10
TERT-BUTYLBENZENE	ND	20
CARBON TETRACHLORIDE	ND	5
CHLOROBENZENE	ND	5
CHLOROETHANE	ND	10
CHLOROFORM	ND	5
CHLOROMETHANE	ND	10
2-CHLOROTOLUENE	ND	10
4-CHLOROTOLUENE	ND	10
DIBROMOCHLOROMETHANE	ND	5
1,2-DIBROMO-3-CHLOROPROPANE	ND	40
1,2-DIBROMOETHANE	ND	5
DIBROMOMETHANE	ND	5
1,2-DICHLOROBENZENE	ND	5
1,3-DICHLOROBENZENE	ND	5
1,4-DICHLOROBENZENE	ND	5
DICHLORODIFLUOROMETHANE	ND	10
1,1-DICHLOROETHANE	ND	5
1,2-DICHLOROETHANE	ND	5
1,1-DICHLOROETHENE	ND	5
CIS-1,2-DICHLOROETHENE	ND	5
TRANS-1,2-DICHLOROETHENE	ND	5

NORTH COAST ID: 22369
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT
TCA ID: 10/4/00 VALLEY F

VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260A - SOIL

COMPOUND	RESULTS (ug/Kg)	DETECTION LIMIT (ug/Kg)
1,2-DICHLOROPROPANE	ND	5
1,3-DICHLOROPROPANE	ND	5
2,2-DICHLOROPROPANE	ND	5
1,1-DICHLOROPROPENE	ND	5
ETHYLBENZENE	ND	5
HEXACHLOROBUTADIENE	ND	10
ISOPROPYLBENZENE	ND	10
P-ISOPROPYLTOLUENE	ND	20
METHYLENE CHLORIDE	**338**	5
NAPHTHALENE	ND	10
N-PROPYLBENZENE	ND	10
STYRENE	ND	5
1,1,1,2-TETRACHLOROETHANE	ND	5
1,1,2,2-TETRACHLOROETHANE	ND	5
TETRACHLOROETHENE	ND	5
TOLUENE	ND	5
1,2,3-TRICHLOROBENZENE	ND	5
1,2,4-TRICHLOROBENZENE	ND	20
1,1,1-TRICHLOROETHANE	ND	5
1,1,2-TRICHLOROETHANE	ND	5
TRICHLOROETHENE	**10**	5
TRICHLOROFLUOROMETHANE	ND	10
1,2,3-TRICHLOROPROPANE	ND	5
1,2,4-TRIMETHYLBENZENE	ND	5
1,3,5-TRIMETHYLBENZENE	ND	5
VINYL CHLORIDE	ND	10
TOTAL XYLENES	ND	5

DATE ANALYZED: 10/10/00 DATE CALIBRATED: 10/10/00

NORTH COAST ID: 22369
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT

VOLATILE QUALITY CONTROL DATA

SURROGATE RECOVERY

TCA ID	NORTH COAST ID	TOLUENE-d8 % RECOVERY
VALLEY F	22369	100

ACCEPTABLE RECOVERY LIMITS: 75-125%

BLANK RESULTS

ALL COMPOUNDS WERE NON-DETECT FOR THE BLANK

CHECK STANDARD RESULTS

PARAMETER	RESULTS (µg/L) ACTUAL / KNOWN	% RECOVERY
BENZENE	56 / 50	112
CHLOROBENZENE	52 / 50	104
1,2-DICHLOROETHENE	41 / 50	82
ETHYLBENZENE	58 / 50	116
TOLUENE	54 / 50	108
TRICHLOROETHENE	52 / 50	104
XYLENES	165 / 150	110

ACCEPTABLE RECOVERY LIMITS: 80-120%

NORTH COAST ID: 22364-22369
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT

PCB
EPA METHOD 8082 – SOIL

TCA ID	NORTH COAST ID	RESULTS (mg/Kg)
VALLEY A	22364	<5.00
VALLEY B	22365	<5.00
VALLEY C	22366	<5.00
VALLEY D	22367	<5.00
VALLEY E	22368	1446 (AROCHLOR 1016)
VALLEY F	22369	997 (AROCHLOR 1016)

NORTH COAST ID: 22369
CLIENT: TCA ENVIRONMENTAL
TCA PROJECT: VALLEY ASPHALT
TCA ID: 10/4/00 VALLEY F

TCLP LEAD
EPA METHODS 1311 6010B

0 56 mg/L

Valley Asphalt # D6275168

CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
LAND DISPOSAL RESTRICTION NOTIFICATION FORM LDR-1

Manifest No. 11250C

THE HAZARDOUS WASTES IDENTIFIED ON THE HAZARDOUS WASTE MANIFEST IDENTIFIED ABOVE AND BEARING THE EPA HAZARDOUS WASTE CODES LISTED BELOW ARE RESTRICTED WASTES WHICH ARE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT UNDER THE LAND DISPOSAL RESTRICTIONS, 40 CFR PART 268 AND RCRA SECTION 3004(D). IN ACCORDANCE WITH 40 CFR 268.7(a)(2), THE EPA WASTE CODE, WASTE SUBCATEGORY, AND TREATABILITY GROUPS, AS APPLICABLE, ARE INCLUDED BELOW.

INSTRUCTIONS -- COMPLETE ALL SECTIONS. REFER TO PAGE 3 OF THIS FORM FOR KEY TERMS/DEFINITIONS.
Column 1 - Line Item: Enter the manifest line item number (e.g., 11a) that corresponds to the waste code(s).
Column 2 - Waste Codes/Subcategory: Check off all applicable waste codes. For D001 through D043, also check applicable subcategory; for F001 through F005, check applicable constituents.
Column 3 - Wastewater/Non-wastewater: Check off "WW" for wastewater and "Non-WW" for non-wastewaters.
Column 4 - LDR Handling Code: Circle the appropriate handling code, as follows:

1 = The waste is a characteristic hazardous waste D001, D002, D003, D004-D011, or D018-43 which is intended for treatment/disposal in a CWA system, CWA-equivalent system, or Class I SDWA system. Underlying Hazardous Constituents (UHC's) are NOT required to be identified.

1A = The waste is a characteristic hazardous waste D001 High TOC Ignitable Liquids Subcategory (i.e., greater than or equal to 10% TOC). Pursuant to 40 CFR 268.40, the waste must be treated using organic recovery (RORGS) or combustion (CMBST) technology. UHC's are NOT required to be identified.

2 = The waste is a characteristic hazardous waste D001 (other than High TOC Ignitable Liquids), D002, D003 Explosive, Water Reactive or Other Reactive subcategory, D004-D011, D012-17 non-wastewater, or D018-43 which is intended for treatment/disposal in a non-CWA system, non-CWA-equivalent system, or non-Class I SDWA system located in the United States. All UHC's which are reasonably expected to be present must be identified, except for D001 waste that is intended to be treated using organic recovery (RORGS) or combustion (CMBST) technologies. Identify UHC's by completing Sections I and IV of CHI Form LDR-1 Addendum and attach completed Addendum to this form.

3 = The waste is a characteristic (i.e., D-code) or listed (i.e., F-, K-, U-, or P-code) hazardous waste which is intended for export and treatment/disposal at a facility located outside the United States. LDR treatment standards do not apply to hazardous waste treated/disposed in a foreign country, and per USEPA guidance, the identification of UHC's (if applicable) is not required for hazardous waste that is intended to be exported. Note however that if the exported waste is subsequently returned for treatment/disposal in the United States, all applicable LDR regulations would apply and a revised LDR notification would be required.

4 = The waste meets the definition of hazardous debris pursuant to 40 CFR 268.2(h) and is intended for treatment/disposal in compliance with the alternate debris treatment technologies of 40 CFR 268.45. In accordance with the requirements of 40 CFR 268.7(a)(2): the contaminants subject to treatment (CSTT's) must be identified as part of this notification. Identify CSTT's by completing Sections III and IV of CHI Form LDR-1 Addendum and attach completed Addendum to this form. These constituents are being treated to comply with 40 CFR 268.45.

5 = The waste is a characteristic waste D003 Reactive Sulfide, Reactive Cyanide, or Unexploded Ordnance subcategory, a characteristic waste D012-17 wastewater, or a listed (i.e., F-, K-, U-, or P-code) hazardous waste. UHC's are NOT required to be identified.

6 = The waste is a lab pack that is intended for incineration using the alternative lab pack treatment standard under 40 CFR 268.42(c). UHC's are NOT required to be identified; however, the generator must complete and attach the lab pack certification statement on CHI Form LDR-LP. Note that in accordance with 40 CFR Part 268 Appendix IV, lab packs which contain waste codes D009, F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, and U151 are not eligible for alternative lab pack treatment standard.

*** NOTE: IF THE WASTE IS A SOIL CONTAMINATED WITH A LISTED OR CHARACTERISTIC WASTE AND THE GENERATOR WANTS TO USE THE ALTERNATE TREATMENT STANDARD FOR SOILS, CONTACT CORPORATE COMPLIANCE FOR THE APPROPRIATE LDR NOTIFICATION FORM.

SECTION 1. CHARACTERISTIC WASTES D001 THROUGH D043

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY			COLUMN 3: WASTEWATER/ NON-WASTEWATER		COLUMN 4: HANDLING CODE
	[ ]	D001	Ignitables, except High TOC subcategory	[ ] WW	[ ] Non-WW	1 2 3 4 6
	[ ]	D001	High TOC Ignitable Liquids Subcategory (Greater than or equal to 10% TOC)	[ ] Non-WW only		1A 3 6
	[ ]	D002	Corrosives	[ ] WW	[ ] Non-WW	1 2 3 4 6
	[ ]	D003				
		[ ]	Reactive Sulfide, per 261.23(a)(5)	[ ] WW	[ ] Non-WW	1 3 4 5 6
		[ ]	Reactive Cyanide, per 261.23(a)(5)	[ ] WW	[ ] Non-WW	1 3 4 5 6
		[ ]	Explosive, per 261.23(a)(6), (7) & (8)	[ ] WW	[ ] Non-WW	1 2 3 4 6
		[ ]	Water Reactive, per 261.23(a)(2), (3) & (4)	[ ] Non-WW only		1 2 3 4 6
		[ ]	Other Reactive, per 261.23(a)(1)	[ ] WW	[ ] Non-WW	1 2 3 4 6
		[ ]	Unexploded Ordnance, Emergency Response	[ ] WW	[ ] Non-WW	1 3 4 5 6
	[ ]	D004	Arsenic	[ ] WW	[ ] Non-WW	1 2 3 4 6
11a	[X]	D005	Barium	[ ] WW	[X] Non-WW	1 (2) 3 4 6
11a	[X]	D006				
		[X]	Cadmium	[ ] WW	[X] Non-WW	1 (2) 3 4 6
		[ ]	Cadmium Containing Batteries	[ ] Non-WW only		2 3 6
	[ ]	D007	Chromium	[ ] WW	[ ] Non-WW	1 2 3 4 6
11a	[X]	D008				
		[X]	Lead	[ ] WW	[X] Non-WW	1 (2) 3 4 6
		[ ]	Lead Acid Batteries	[ ] Non-WW only		2 3 6

000081

CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
LAND DISPOSAL RESTRICTION NOTIFICATION FORM LDR-1

Manifest No. 105 [illegible]

SECTION I. CHARACTERISTIC WASTES D001-43 (CONTINUED)

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / NAME	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
	[ ] D009		
	[ ] Low Mercury, less than 260 mg/kg Mercury	[ ] WW [ ] Non-WW	1 2 3 4
	[ ] High Mercury Organic Subcategory	[ ] Non-WW only	2 3 4
	[ ] High Mercury Inorganic Subcategory	[ ] Non-WW only	2 3 4
	[ ] D010 Selenium	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D011 Silver	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D012 Endrin	[ ] WW [ ] Non-WW	2 3 4 5 6
	[ ] D013 Lindane	[ ] WW [ ] Non-WW	2 3 4 5 6
	[ ] D014 Methoxychlor	[ ] WW [ ] Non-WW	2 3 4 5 6
	[ ] D015 Toxaphene	[ ] WW [ ] Non-WW	2 3 4 5 6
	[ ] D016 2,4-D	[ ] WW [ ] Non-WW	2 3 4 5 6
	[ ] D017 2,4,5-TP (Silvex)	[ ] WW [ ] Non-WW	2 3 4 5 6
11a	[X] D018 Benzene	[ ] WW [X] Non-WW	1 (2) 3 4 6
	[ ] D019 Carbon tetrachloride	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D020 Chlordane	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D021 Chlorobenzene	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D022 Chloroform	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D023 o-Cresol	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D024 m-Cresol	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D025 p-Cresol	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D026 Cresol	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D027 1,4-Dichlorobenzene	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D028 1,2-Dichloroethane	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D029 1,1-Dichloroethylene	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D030 2,4-Dinitrotoluene	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D031 Heptachlor (and its epoxide)	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D032 Hexachlorobenzene	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D033 Hexachlorobutadiene	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D034 Hexachloroethane	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D035 Methyl ethyl ketone	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D036 Nitrobenzene	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D037 Pentachlorophenol	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D038 Pyridine	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D039 Tetrachloroethylene	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D040 Trichloroethylene	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D041 2,4,5-Trichlorophenol	[ ] WW [ ] Non-WW	1 2 3 4 6
	[ ] D042 2,4,6-Trichlorophenol	[ ] WW [ ] Non-WW	1 2 3 4 6
11a	[X] D043 Vinyl Chloride	[ ] WW [X] Non-WW	1 (2) 3 4 6

SECTION II. SPENT SOLVENT WASTES F001 THROUGH F005

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / CONSTITUENTS	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
11a	[ ] F001 [ ] F002 [X] F003 [ ] F004 [X] F005	[ ] WW [X] Non-WW	3 4 (6) 6

[ ] 1. ALL F001-F005	[ ] 12. Cyclohexanone	[ ] 25. Pyridine	
[ ] 2. Acetone	[ ] 13. o-Dichlorobenzene	[ ] 26. Tetrachloroethylene	
11a [X] 3. Benzene	[ ] 14. 2-Ethoxyethanol (F005 only)	11a [X] 27. Toluene	
[ ] 4. n-Butyl alcohol	[ ] 15. Ethyl acetate	[ ] 28. 1,1,1-Trichloroethane	
[ ] 5. Carbon disulfide	11a [X] 16. Ethyl benzene	[ ] 29. 1,1,2-Trichloroethane	
[ ] 6. Carbon tetrachloride	[ ] 17. Ethyl ether	11a [X] 30. Trichloroethylene	
[ ] 7. Chlorobenzene	[ ] 18. Isobutyl alcohol	[ ] 31. 1,1,2-Trichloro-1,2,2-trifluoroethan	
[ ] 8. o-Cresol	[ ] 19. Methanol	[ ] 32. Trichloromonofluoromethane	
[ ] 9. m-Cresol (difficult to distinguish from p-cresol)	[ ] 20. Methylene chloride	[ ] 33. Xylene - mixed isome (sum of o-, m-, and p-xylene)	
[ ] 10. p-Cresol (difficult to distinguish from m-cresol)	[ ] 21. Methyl ethyl ketone		
[ ] 11. Cresol - mixed isomers (sum of o-, m- and p-cresol)	[ ] 22. Methyl isobutyl ketone		
	[ ] 23. Nitrobenzene		
	[ ] 24. 2-Nitropropane (F005 only)		

CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
LAND DISPOSAL RESTRICTION NOTIFICATION FORM LDR-1

Manifest No. 10502

SECTION III. CALIFORNIA LIST WASTES

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
_____	Hazardous waste containing one or more of the following California List constituents:	[ ] WW [ ] Non-WW	1 2 3 4 5 6

[ ] ALL CALIFORNIA LIST CONSTITUENTS
[ ] Liquids with nickel greater than or equal to 134 mg/l
[ ] Liquids with thallium greater than or equal to 130 mg/l
[ ] Liquids with PCB's > or = 50 ppm
[ ] Waste containing HOC's > or = 1,000 mg/kg

SECTION IV. OTHER LISTED WASTES (F006-12, F019-F028, F037-38, F039, K-, U-, AND P-CODES)

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
_____	_____	[ ] WW [ ] Non-WW	3 4 5 6
_____	_____	[ ] WW [ ] Non-WW	3 4 5 6
_____	_____	[ ] WW [ ] Non-WW	3 4 5 6
_____	_____	[ ] WW [ ] Non-WW	3 4 5 6
_____	_____	[ ] WW [ ] Non-WW	3 4 5 6

[ ] CHECK HERE IF ADDITIONAL LISTED WASTE CODES ARE PRESENT. COMPLETE AND ATTACH LDR-1 CONTINUATION SHEET.
[ ] CHECK HERE IF WASTE CODE F039 (MULTISOURCE LEACHATE) IS PRESENT. IDENTIFY F039 CONSTITUENTS BY COMPLETING SECTIONS II AND IV OF CHI FORM LDR-1 ADDENDUM AND ATTACH COMPLETED ADDENDUM TO THIS FORM.

SECTION V. CONTACT NAME AND DATE

Print Name: DAVID Scardino Date: 10 5 02

KEY TERMS/DEFINITIONS

CLASS I SDWA SYSTEM means a Class I deep well facility regulated under the Safe Drinking Water Act (SDWA).

CWA SYSTEM means a centralized wastewater treatment facility discharging under a Clean Water Act (CWA) permit. For example, a CWA facility would treat organic or inorganic aqueous wastes and discharge the treated effluent to the local sewer system. Examples of CWA treatment systems owned and operated by Clean Harbors include the wastewater treatment operations at Baltimore (including the CES system), Bristol, Chicago, Cincinnati and Cleveland.

CWA-EQUIVALENT SYSTEM means a "zero discharge system" that engages in "CWA-equivalent" treatment before land disposal. Zero-discharge facilities treat hazardous wastes using "CWA-equivalent" treatment methods, but do not discharge the treatment effluent to a sewer or water body (e.g., spray irrigation land farm). "CWA-equivalent" treatment methods means biological treatment for organics, alkaline chlorination, or ferrous sulfate precipitation for cyanide, precipitation/ sedimentation for metals, reduction of hexavalent chromium, or other treatment technology that can be demonstrated to perform equally or greater than these technologies.

HIGH TOC IGNITABLE LIQUIDS SUBCATEGORY means an ignitable liquid hazardous waste (waste code D001) which contains greater than or equal to 10% total organic carbon (TOC). Pursuant to 40 CFR 268.40, such wastes must be treated using organic recovery (RORGS) or combustion (CMBST) technology. Examples of RORGS technologies include the CES unit at Clean Harbors of Baltimore. Examples of CMBST technologies include hazardous waste fuel blending and subsequent reuse at a cement kiln, or destruction at a RCRA incinerator.

WASTEWATERS are wastes that contain less than 1% by weight total organic carbon (TOC) and less than 1% by weight total suspended solids (TSS). [See 40 CFR 268.2(f)]

CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
LAND DISPOSAL RESTRICTION NOTIFICATION FORM LDR-1 ADDENDUM

Manifest No. _____

SECTION I. UNDERLYING HAZARDOUS CONSTITUENTS (UHC'S)

[ ] Check here if one or more of the constituents listed in Section IV below are reasonably expected to be present as an "Underlying Hazardous Constituent" in the waste. Then in Section IV, check off each constituent. Note that per the definition of UHC in 40 CFR 268.2, fluoride, selenium, sulfides, vanadium and zinc are NOT regulated as UHC's.

[X] Check here if NONE of the UHC constituents listed in Section IV are expected to be present in the waste.

SECTION II. MULTI-SOURCE LEACHATE (WASTE CODE F039)

[ ] Check here if one or more of the constituents listed in Section IV are present as a constituent in the multi-source leachate (F039) waste. Then in Section IV below, check off each constituent. Note that constituents which are identified by an asterisk (*) are NOT regulated as F039 constituents.

[ ] Check here if NONE of the F039 constituents listed in Section IV are present in the waste.

SECTION III. HAZARDOUS DEBRIS CONTAMINANTS SUBJECT TO TREATMENT (CSTT)

[ ] Check here if one or more of the constituents listed in Section IV is a CSTT for hazardous debris that is intended for treatment using the alternate treatment technologies in 40 CFR 268.45. To identify CSTT's, refer to the "Regulated Hazardous Constituent" column in the Treatment Standard Table in 40 CFR 268.40. Then, in Section IV below, check off the constituents that appear for each waste code used to identify the debris.

[ ] Check here if the entry in the "Regulated Hazardous Constituent" column in the Treatment Standard Table in 40 CFR 268.40 is "Not Applicable" , i.e. D001, D002, and D003 (non-cyanides subcategories only).

SECTION IV. LIST OF CONSTITUENTS - INCLUDE MANIFEST LINE ITEM

34. _____ [ ] Acenaphthylene
35. _____ [ ] Acenaphthene
36. _____ [ ] Acetone
37. _____ [ ] Acetonitrile
38. _____ [ ] Acetophenone
39. _____ [ ] 2-Acetylaminofluorene
40. _____ [ ] Acrolein
41. _____ [ ] Acrylamide (*)
42. _____ [ ] Acrylonitrile
251. _____ [ ] Aldicarb sulfone (*)
43. _____ [ ] Aldrin
44. _____ [ ] 4-Aminobiphenyl
45. _____ [ ] Aniline
46. _____ [ ] Anthracene
47. _____ [ ] Antimony
48. _____ [ ] Aramite
49. _____ [ ] Arsenic
50. _____ [ ] alpha-BHC
51. _____ [ ] beta-BHC
52. _____ [ ] delta-BHC
53. _____ [ ] gamma-BHC
252. _____ [ ] Barban (*)
54. _____ [ ] Barium
253. _____ [ ] Bendiocarb (*)
255. _____ [ ] Benomyl (*)
55. _____ [ ] Benzene
56. _____ [ ] Benz(a)anthracene
57. _____ [ ] Benzal chloride (*)
58. _____ [ ] Benzo(b)fluoranthene (difficult to distinguish from Benzo(k)fluoranthene)
59. _____ [ ] Benzo(k)fluoranthene (difficult to distinguish from Benzo(b)fluoranthene)
60. _____ [ ] Benzo(g,h,i)perylene
61. _____ [ ] Benzo(a)pyrene
62. _____ [ ] Berylium
63. _____ [ ] Bromodichloromethane
64. _____ [ ] Bromomethane (Methyl bromide)
65. _____ [ ] 4-Bromophenyl phenyl ether
66. _____ [ ] n-Butyl alcohol
256. _____ [ ] Butylate (*)
67. _____ [ ] Butyl benzyl phthalate
68. _____ [ ] 2-sec-Butyl-4,6-dinitrophenol (Dinoseb)
69. _____ [ ] Cadmium
257. _____ [ ] Carbaryl (*)
258. _____ [ ] Carbendazim (*)
259. _____ [ ] Carbofuran (*)
260. _____ [ ] Carbofuran phenol (*)
70. _____ [ ] Carbon disulfide
71. _____ [ ] Carbon tetrachloride
261. _____ [ ] Carbosulfan (*)
72. _____ [ ] Chlordane (alpha and gamma isomers)
73. _____ [ ] p-Chloroaniline
74. _____ [ ] Chlorobenzene
75. _____ [ ] Chlorobenzilate
76. _____ [ ] 2-Chloro-1,3-butadiene
77. _____ [ ] Chlorodibromomethane
78. _____ [ ] Chloroethane
79. _____ [ ] bis(2-Chloroethoxy)methane
80. _____ [ ] bis(2-Chloroethyl)ether
81. _____ [ ] Chloroform
82. _____ [ ] bis(2-Chloroisopropyl)ether
83. _____ [ ] p-Chloro-m-cresol
84. _____ [ ] 2-Chloroethyl vinyl ether (*)
85. _____ [ ] Chloromethane (Methyl Chloride)
86. _____ [ ] 2-Chloronaphthalene
87. _____ [ ] 2-Chlorophenol
88. _____ [ ] 3-Chloropropylene
89. _____ [ ] Chromium (Total)
90. _____ [ ] Chrysene
91. _____ [ ] o-Cresol
92. _____ [ ] m-Cresol (difficult to distinguish from p-Cresol)
93. _____ [ ] p-Cresol (difficult to distinguish from o-Cresol)
262. _____ [ ] m-Cumenyl methylcarbamate (*)
94. _____ [ ] Cyanides (Total)
95. _____ [ ] Cyanides (Amenable)
263. _____ [ ] Cycloate (*)
96. _____ [ ] Cyclohexanone
97. _____ [ ] 1,2-Dibromo-3-chloropropane
98. _____ [ ] 1,2-Dibromoethane (Ethylene dibromide)
99. _____ [ ] Dibromomethane
100. _____ [ ] 2,4-Dichlorophenoxyacetic acid (2,4-D)
101. _____ [ ] o,p'-DDD
102. _____ [ ] p,p'-DDD
103. _____ [ ] o,p'-DDE
104. _____ [ ] p,p'-DDE
105. _____ [ ] o,p'-DDT
106. _____ [ ] p,p'-DDT
107. _____ [ ] Dibenz(a,h)anthracene
108. _____ [ ] Dibenzo(a,e)pyrene
109. _____ [ ] m-Dichlorobenzene
110. _____ [ ] o-Dichlorobenzene
111. _____ [ ] p-Dichlorobenzene
112. _____ [ ] Dichlorodifluoromethane
113. _____ [ ] 1,1-Dichloroethane
114. _____ [ ] 1,2-Dichloroethane
115. _____ [ ] 1,1-Dichloroethylene
116. _____ [ ] trans-1,2-Dichloroethylene
117. _____ [ ] 2,4-Dichlorophenol
118. _____ [ ] 2,6-Dichlorophenol
119. _____ [ ] 1,2-Dichloropropane
120. _____ [ ] cis-1,3-Dichloropropylene
121. _____ [ ] trans-1,3-Dichloropropylene

CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
LAND DISPOSAL RESTRICTION NOTIFICATION FORM LDR-1 ADDENDUM

Manifest No. 105C-C

122. _____ [ ] Dieldrin
123. _____ [ ] Diethyl phthalate
124. _____ [ ] 2,4-Dimethyl phenol
125. _____ [ ] Dimethyl phthalate
126. _____ [ ] Di-n-butyl phthalate
127. _____ [ ] 1,4-Dinitrobenzene
128. _____ [ ] 4,6-Dinitro-o-cresol
129. _____ [ ] 2,4-Dinitrophenol
130. _____ [ ] 2,4-Dinitrotoluene
131. _____ [ ] 2,6-Dinitrotoluene
132. _____ [ ] Di-n-octyl phthalate
133. _____ [ ] p-Dimethylaminoazobenzene (*)
134. _____ [ ] Di-n-propylnitrosoamine
135. _____ [ ] 1,4-Dioxane (*)
136. _____ [ ] Diphenylamine (difficult to distinguish from diphenylnitrosamine)
137. _____ [ ] Diphenylnitrosamine (difficult to distinguish from diphenylamine)
138. _____ [ ] 1,2-Diphenylhydrazine
139. _____ [ ] Disulfoton
266. _____ [ ] Dithiocarbamates (Total) (*)
140. _____ [ ] Endosulfan I
141. _____ [ ] Endosulfan II
142. _____ [ ] Endosulfan sulfate
143. _____ [ ] Endrin
144. _____ [ ] Endrin aldehyde
267. _____ [ ] EPTC (*)
145. _____ [ ] Ethyl acetate
146. _____ [ ] Ethyl cyanide (propanenitrile)
147. _____ [ ] Ethyl benzene
148. _____ [ ] Ethyl ether
149. _____ [ ] bis(2-Ethylhexyl)phthalate
150. _____ [ ] Ethyl methacrylate
151. _____ [ ] Ethylene oxide
152. _____ [ ] Famphur
153. _____ [ ] Fluoranthene
154. _____ [ ] Fluorene
155. _____ [ ] Fluoride
268. _____ [ ] Formetanate hydrochloride (*)
156. _____ [ ] Heptachlor
157. _____ [ ] Heptachlor epoxide
158. _____ [ ] Hexachlorobenzene
159. _____ [ ] Hexachlorobutadiene
160. _____ [ ] Hexachlorocylopentadiene
161. _____ [ ] HxCDDs (All hexachlorodibenzo-p-dioxins)
162. _____ [ ] HxCDFs (All hexachlorodibenzo-furans)
163. _____ [ ] Hexachloroethane
164. _____ [ ] Hexachloropropylene
165. _____ [ ] Indeno (1,2,3-c,d)pyrene
270. _____ [ ] 3-Iodo-2-propynyl n-butylcarbamate (*)
166. _____ [ ] Iodomethane
167. _____ [ ] Isobutyl alcohol
168. _____ [ ] Isodrin
169. _____ [ ] Isosafrole
170. _____ [ ] Kepone
171. _____ [ ] Lead
172. _____ [ ] Mercury--Nonwastewater from Retort
173. _____ [ ] Mercury--All others
174. _____ [ ] Methacrylonitrile
175. _____ [ ] Methanol
176. _____ [ ] Methapyrilene
272. _____ [ ] Methiocarb (*)
273. _____ [ ] Methomyl (*)
177. _____ [ ] Methoxychlor
178. _____ [ ] 3-Methylcholanthrene
179. _____ [ ] 4,4-Methylene-bis(2-chloroaniline)
180. _____ [ ] Methylene chloride
181. _____ [ ] Methyl ethyl ketone
182. _____ [ ] Methyl isobutyl ketone
183. _____ [ ] Methyl methacrylate
184. _____ [ ] Methyl methansulfonate
185. _____ [ ] Methyl parathion
274. _____ [ ] Metolcarb (*)
275. _____ [ ] Mexacarbate (*)
276. _____ [ ] Molinate (*)
186. _____ [ ] Naphthalene
187. _____ [ ] 2-Naphthylamine
188. _____ [ ] Nickel
189. _____ [ ] o-Nitroaniline (*)
190. _____ [ ] p-Nitroaniline
191. _____ [ ] Nitrobenzene
192. _____ [ ] 5-Nitro-o-toluidine
193. _____ [ ] o-Nitrophenol (*)
194. _____ [ ] p-Nitrophenol
195. _____ [ ] N-Nitrosodiethylamine
196. _____ [ ] N-Nitrosodimethylamine
197. _____ [ ] N-Nitroso-di-n-butylamine
198. _____ [ ] N-Nitrosomethylethylamine
199. _____ [ ] N-Nitrosomorpholine
200. _____ [ ] N-Nitrosopiperidine
201. _____ [ ] N-Nitrosopyrrolidine
277. _____ [ ] Oxamyl (*)
202. _____ [ ] Parathion
203. _____ [ ] Total PCBs (sum of all PCB isomers, or all Arochlors)
278. _____ [ ] Pebulate (*)
204. _____ [ ] Pentachlorobenzene
205. _____ [ ] PeCDDs (All pentachlorodibenzo-p-dioxins)
206. _____ [ ] PeCDFs (All pentachlorodibenzofurans)
207. _____ [ ] Pentachloroethane (*)
208. _____ [ ] Pentachloronitrobenzene
209. _____ [ ] Pentachlorophenol
210. _____ [ ] Phenacetin
211. _____ [ ] Phenanthrene
212. _____ [ ] Phenol
213. _____ [ ] Phorate
214. _____ [ ] Phthalic acid (*)
215. _____ [ ] Phthalic anhydride
280. _____ [ ] Physostigmine (*)
281. _____ [ ] Physostigmine salicylate (*)
282. _____ [ ] Promecarb (*)
216. _____ [ ] Pronamide
283. _____ [ ] Propham (*)
284. _____ [ ] Propoxur (*)
285. _____ [ ] Prosulfocarb (*)
217. _____ [ ] Pyrene
218. _____ [ ] Pyridine
219. _____ [ ] Safrole
220. _____ [ ] Selenium
221. _____ [ ] Silver
222. _____ [ ] Silvex (2,4,5-TP)
223. _____ [ ] Sulfide
224. _____ [ ] 2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)
225. _____ [ ] 1,2,4,5-Tetrachlorobenzene
226. _____ [ ] TCDDs (All tetrachlorodibenzo-p-dioxins)
227. _____ [ ] TCDFs (All tetrachlorodibenzofurans)
228. _____ [ ] 1,1,1,2-Tetrachloroethane
229. _____ [ ] 1,1,2,2-Tetrachloroethane
230. _____ [ ] Tetrachloroethylene
231. _____ [ ] 2,3,4,6-Tetrachlorophenol
232. _____ [ ] Thallium
286. _____ [ ] Thiodicarb (*)
287. _____ [ ] Thiophanate-methyl (*)
233. _____ [ ] Toluene
234. _____ [ ] Toxaphene
289. _____ [ ] Triallate (*)
235. _____ [ ] Tribromomethane (Bromoform)

000085

CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
LAND DISPOSAL RESTRICTION NOTIFICATION FORM LDR-1 ADDENDUM

Manifest No. 105[illegible]

236. _____ [ ] 1,2,4-Trichlorobenzene
237. _____ [ ] 1,1,1-Trichloroethane
238. _____ [ ] 1,1,2-Trichloroethane
239. _____ [ ] Trichloroethylene
240. _____ [ ] Trichloromonofluoromethane
241. _____ [ ] 2,4,5-Trichlorophenol
242. _____ [ ] 2,4,6-Trichlorophenol
243. _____ [ ] 1,2,3-Trichloropropane
244. _____ [ ] 1,1,2-Trichloro-1,2,2-trifluoroethane
290. _____ [ ] Triethylamine (*)
245. _____ [ ] tris-(2,3-Dibromopropyl)phosphate
246. _____ [ ] Vanadium (*)
291. _____ [ ] Vernolate (*)
247. _____ [ ] Vinyl chloride
248. _____ [ ] Xylenes--mixed isomers (sum of o-, m-, and p-xylene concentrations)
249. _____ [ ] Zinc (*)

KEY TERMS/DEFINITIONS

CONTAMINANTS SUBJECT TO TREATMENT (CSTT) are the specific constituents listed by waste code number in the Treatment Standard Table in §268.40. CSTT's must be identified for all hazardous debris wastes that are intended for treatment using one of the hazardous debris alternate treatment technologies described in §268.45.

REASONABLY EXPECTED TO BE PRESENT means that the generator is relying on knowledge of the raw materials used, the process, and potential reaction products, or on the results of a one-time analysis for the entire list of UHC's that may be present in the untreated hazardous waste. If a one-time analysis of the entire list of UHC's is conducted, subsequent analyses are required for only those pollutants which would reasonably be expected to be present in the waste as generated, based on the previous sampling and analysis results.

UNDERLYING HAZARDOUS CONSTITUENT (UHC) means any constituent listed in §268.48 Table UTS - Universal Treatment Standards (except fluoride, selenium, sulfides, vanadium and zinc) which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. [See 40 CFR 268.2]

000056

CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
LAND DISPOSAL RESTRICTION NOTIFICATION FORM LDR-1 ADDENDUM

Manifest No. 105[illegible]

236. _____ [ ] 1,2,4-Trichlorobenzene
237. _____ [ ] 1,1,1-Trichloroethane
238. _____ [ ] 1,1,2-Trichloroethane
239. _____ [ ] Trichloroethylene
240. _____ [ ] Trichloromonofluoromethane
241. _____ [ ] 2,4,5-Trichlorophenol
242. _____ [ ] 2,4,6-Trichlorophenol
243. _____ [ ] 1,2,3-Trichloropropane
244. _____ [ ] 1,1,2-Trichloro-1,2,2-trifluoroethane
290. _____ [ ] Triethylamine (*)
245. _____ [ ] tris-(2,3-Dibromopropyl)phosphate
246. _____ [ ] Vanadium (*)
291. _____ [ ] Vernolate (*)
247. _____ [ ] Vinyl chloride
248. _____ [ ] Xylenes--mixed isomers (sum of o-, m-, and p-xylene concentrations)
249. _____ [ ] Zinc (*)

KEY TERMS/DEFINITIONS

CONTAMINANTS SUBJECT TO TREATMENT (CSTT) are the specific constituents listed by waste code number in the Treatment Standard Table in §268.40. CSTT's must be identified for all hazardous debris wastes that are intended for treatment using one of the hazardous debris alternate treatment technologies described in §268.45.

REASONABLY EXPECTED TO BE PRESENT means that the generator is relying on knowledge of the raw materials used, the process, and potential reaction products, or on the results of a one-time analysis for the entire list of UHC's that may be present in the untreated hazardous waste. If a one-time analysis of the entire list of UHC's is conducted, subsequent analyses are required for only those pollutants which would reasonably be expected to be present in the waste as generated, based on the previous sampling and analysis results.

UNDERLYING HAZARDOUS CONSTITUENT (UHC) means any constituent listed in §268.48 Table UTS - Universal Treatment Standards (except fluoride, selenium, sulfides, vanadium and zinc) which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. [See 40 CFR 268.2]

000087

CLEAN HARBORS ENVIRONMENTAL SERVICES., INC.
1-800-444-4244

DRIVER PICK UP & DELIVERY
TRAVEL BULK ORDER FORM

Date: 10 5 00 Sales Order# 0627516

Generator: Valley Asphalt Manifest# 10500

Tractor# 1169 Trailer# 680

Driver Name: Doug Morgan Employee ID# [illegible]

Appointment Time: __:__ AM/PM

Activity Type Sequence Code	Start Time	End Time	Comments
017	08:45	09:45	
023	09:45	:	Lift Gate on 680
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	

Signature verifies arrival and departure times and authorizes demurrage charges to be billed when applicable according to your quote.

Customer Signature: [signature]

Print Name: David Sinclair

Date 10/5/00

000058