



DESIGN COMPANY INCORPORATED

4000 N. Classen Blvd., Suite 110-S  
Oklahoma City, OK 73118

Phone: 405-996-5300  
Fax: 405-488-0029  
www.sedcousa.net

June 27, 2008

By Federal Express

Arkansas Department of Environmental Quality  
Solid Waste Management Division  
PO Box 8913  
Little Rock AR 72219-8913

Attn: Mr. Bryan Leamons, P.E.  
Engineering Supervisor

Re: **Solid Waste Permit Modification Application – Notice of Deficiencies**  
**Waste Management of Arkansas Tontitown Transfer Station**  
**Tontitown, Arkansas**  
Permit No.: 0023-STSW-MC      AFIN 72-0014

Dear Mr. Leamons:

Please find enclosed a Revised Solid Waste Minor Permit Modification Application for the existing Tontitown Transfer Station (TTS) located in Tontitown, Arkansas. This revised application is submitted on behalf of Waste Management of Arkansas, Inc. (WMAR) and is in response to the existing solid waste transfer station general permit dated March 15, 2007 and a Notice of Deficiency (NOD) dated March 11, 2008.

Shepherd Engineering Design Co., Inc. (SEDCo) is submitting this revised application for a minor permit modification to move the transfer station to a new location as shown in the attached permit drawings. The transfer station was removed from it's current location during construction of the minor permit modification area. It will be constructed in it's new location as per the attached permit drawings.

- **Regulation 22.903(b)(1) Owner of the site and proposed entity responsible for actual operation and maintenance of the transfer station**  
A complete and signed ADEQ Solid Waste Processing Facility Application Form (Attachment A)
- **Regulation 22.903(b)(2) A map or aerial photograph indicating land use and zoning within ½ mile of the facility showing, with reasonable accuracy, residences,**

Rec'd Digitally

AFIN: 72-00144

PMT#: 0023-STSW-MC

**RECEIVED**  
*By Barbara Mathews at 9:45 am, Jul 02, 2008*

DOC ID#: 53155

TO: MR> file

S  
W  
M  
D

Solid Waste Permit Modification Application – Notice of Deficiencies  
Waste Management of Arkansas Tontitown Transfer Station  
Tontitown, Arkansas  
Permit No.: 0023-STSW-MC      AFIN 72-0014

**structures, surface waters, public and private water supply sources, access roads, railroads, airports, historic sites, and other existing features in the project area**

A Site Map is provided in Attachment B that shows the approximate location of the newly located transfer station and the ½ mile radius. The Site Map indicates that the transfer station is located within the permitted boundary of the Eco-Vista Class I Landfill (formerly known as the Tontitown Class I Landfill). Most of the Eco-Vista Class I Landfill is located within the ½ mile radius. There are some residences located within the ½ mile radius to the north of the facility.

- **Regulation 22.903(b)(3) Maps indicating the existence of any regulated wetlands or floodplains on or adjacent to the site.**

Please find in Attachment C a drawing that shows the location of the wetlands located within the permitted boundary of the Eco-Vista Class I Landfill. Also, in Attachment C is a FEMA Flood Insurance Rate Map "FIRMette" for this location. The FIRMette shows that there are no floodplains or floodways located on or adjacent to the site.

- **Regulation 22.903(b)(4) A site plan map that delineates: i) the proposed or existing buildings and improvements including any staging and storage areas for incoming solid waste; ii) survey boundary locations, the location of existing and proposed access roads, utilities and any other site improvements; and iii) General site topography, existing and proposed drainage characteristics including any run-on and run-off control systems that will be constructed**

Attachment D includes the Permit Drawings for the proposed Transfer Station. The proposed Permit Drawings shows the layout of the facility, access roads, leachate storage tank, general site topography and all other items required.

- **Regulation 22.903(b)(5) A description of the annual solid waste throughput and the service area population (both present and projected) including maximum storage time of any waste, and where all waste will be disposed of**

Attachment E includes the Permit Application form that includes a description of the service area. The Transfer Station is going to accept no more than 15,600 tons per year. The proposed service area is already being serviced by several other types of waste facilities including transfer stations and landfills.

- **Regulation 22.903(b)(6) Permit plans and specifications clearly indicating the layout and construction that will be undertaken and a design narrative or specifications describing the facility design**

Attachment D includes the Permit Drawings for the proposed Transfer Station. The drawings clearly show the proposed layout of the transfer station. The transfer station detailed design will be completed after the Permit Application is approved by the ADEQ.

Solid Waste Permit Modification Application – Notice of Deficiencies  
Waste Management of Arkansas Tontitown Transfer Station  
Tontitown, Arkansas  
Permit No.: 0023-STSW-MC      AFIN 72-0014

The detailed design drawings and the specifications will be submitted prior to construction of facility.

• **Regulation 22.903(b)(7) An operating plan describing how the facility will meet the requirements of this Chapter**

Attachment F contains the proposed Operating Plan for the transfer station. The Proposed Operational Plan contains all of the requirements listed in Regulation 22.904.

• **Regulation 22.905 Design Requirements**

Attachment D contains the Permit Drawings that show the relevant details associated with the design of the transfer station. Once the permit application is approved, a detailed design will be completed and the detailed design drawings and specifications will be submitted to the ADEQ for review. This transfer station is proposed to handle very little waste on a daily basis. The waste will be placed, immediately upon arrival, into transfer trailers or roll-off containers and once these are full, the waste will be hauled to the Eco-Vista Class I Landfill tipping face. If waste is stored at the transfer station, it will be stored in the transfer trailers or roll-off containers and covered with a waterproof tarp. Any water collected during operating hours will be treated as leachate. The transfer trailers or roll-off containers will be left in the loading area so that any water collected in the transfer trailers or roll-off containers will be drained to the leachate collection system.

• **Regulation 22.906 Closure and Financial Assurance**

Attachment F contains the proposed Operating Plan for the transfer station. Within the Operating Plan is the proposed Closure Plan. Financial Assurance will be provided by Waste Management of Arkansas.

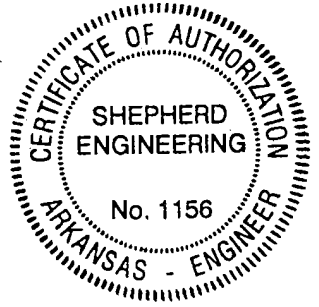
We appreciate your review and consideration. If you have any questions or if you need additional information, please do not hesitate to give me a call.

Sincerely,  
Shepherd Engineering Design Co., Inc.



Jeff A. Shepherd, P.E.  
Senior Engineer

Cc: Mr. David Conrad – Waste Management of Arkansas  
Mr. Kirby Thompson – Eco-Vista Class I Landfill



*Jeff A. Shepherd*  
6/27/08

**ATTACHMENT A**  
**SOLID WASTE PERMIT APPLICATION FORM**



**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY**  
8017 I-30, P.O. BOX 8913 LITTLE ROCK, AR 72219-8913



**SOLID WASTE PROCESSING FACILITY APPLICATION FORM**

*Act 237 of the 1971 Arkansas General Assembly, as amended, makes it unlawful to construct, install, alter, modify, use or operate any solid waste processing facility without a permit. Section 22.303 of Regulation 22, Solid Waste Management, requires that applicants for new solid waste processing facilities prepare and submit an application on forms prepared by the Department and the form is to include certain information.*

**I. FACILITY TYPE**

*(Check the one that applies)*

- Yard Waste Composting Facility (Class Y)
- Organic Waste Composting Facility (Class O)
- Mixed Solid Waste Composting Facility (Class S)
- Solid Waste Transfer Station
- Solid Waste Material Recovery Facility

Date of the pre-application : \_\_\_\_\_

**II. FACILITY IDENTIFICATION**

Facility Name: Tontitown Transfer Station

Facility Location: 4 miles South of Highway 412 Site Manager: Kirby Thompson

Site Street Address: 2210 Waste Management Drive

City: Springdale State: AR Zip: 72762

County: Washington Telephone: (479)361-2069 Fax: (479) 361-5934

Longitude: 36° 08' 23.97364" Latitude: 94° 15' 23.68158"

Section/Township/Range Section 17, Township 23, Range 31 West

### III. APPLICANT IDENTIFICATION

(Must be the facility Owner or Operator)

Name of the Facility Owner: Waste Management of Arkansas

Address of Facility Owner: 2210 Waste management Drive

City: Springdale State: Arkansas Zip: 72762

Property Owner Telephone Number (479) 361-2069 Fax: (479) 361-5934

### IV. OWNER IDENTIFICATION

(If different from applicant)

Name of the Property Owner: Waste Management of Arkansas

Address of Property Owner: 2210 Waste management Drive

City: Springdale State: Arkansas Zip: 72762

Property Owner Telephone Number (479) 361-2069 Fax: (479) 361-5934

### V. SITE INFORMATION

Legal description \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Continue on additional sheets if required)

Directions to the site From Highway 412 take Klenc Road south to site

\_\_\_\_\_

## VI. FACILITY INFORMATION

Describe facility service area Washington, Benton, Madison, Carroll and Crawford Counties in Arkansas; Delaware County in Oklahoma; McDonald County in Missouri

Identify the average weight and volume of the material that this facility will receive or process:

_____	Cubic yards or Tons received per day
<u>15,600 tons</u>	Cubic yards or tons received annually
_____	Cubic yards or tons per day residual (if applicable)

Provide a brief description of the disposition of transferred / processed material, and, if applicable, how any residual material will be disposed:

The Tontitown Solid Waste Transfer Station processes Residential, Commercial and Industrial Class 1 and Class 4 Waste.

Identify the average and maximum time that waste is anticipated to be stored on site:

Class 1 and Class 4 = avg. 1 day, max 3 days

Metal and White goods = avg. 7 days, max 7 days

## VII. APPLICATION CONTENTS

Permit Drawings (Identify below each design drawing or document included with this application)

Drawing Number	Title	Date	Revision No.
1	Transfer Station Layout Plan	11/07	-----
2	Details I	11/07	-----
3	Details II	11/07	-----

## VIII. REQUIRED ATTACHMENTS

### COMPOSTING FACILITIES:

- Application fee as required by Regulation 9 of the Department;
- A map or aerial photograph indicating land use and zoning within 1/2 mile of the facility and showing all residences, structures, surface waters, public and private water supply sources, access roads, airports, and other existing and proposed man-made features relating to the project;
- Maps indicating the existence of any regulated wetlands or floodplains on or adjacent to the site;
- A site plan prepared by a registered professional engineer showing proposed composting areas, location of existing and proposed access roads, site topography, existing and proposed drainage characteristics including any run-on and run-off control systems;
- A design narrative and calculations prepared by a registered professional engineer;
- Operating Plan or Narrative that addresses the criteria in Section 22.804 of Regulation 22;
- A geotechnical report describing site conditions to a depth of 10 feet;
- Closure plan for type O and S composting facilities;
- Any other information requested by the Department.

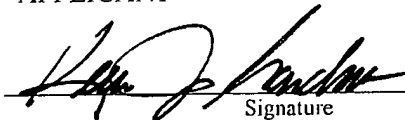
### TRANSFERSTATIONS & MATERIAL RECOVERY FACILITIES:

- Application fee as required by Regulation 9 of the Department;
- A map or aerial photograph indicating land use and zoning within 1/4 mile of the facility and showing all residences, structures, surface waters, public and private water supply sources, access roads, airports, and other existing and proposed man-made features relating to the project;
- Maps indicating the existence of any regulated wetlands or floodplains on or adjacent to the site;
- A site plan showing storage areas for incoming solid waste, location of existing and proposed access roads, site topography, existing and proposed drainage characteristics including any run-on and run-off control systems;
- A design narrative or specifications describing the facility design;
- Operating Plan or Narrative that addresses the criteria in Section 22.904 or 22.1004 as applicable of Regulation 22;
- Any other information requested by the Department.

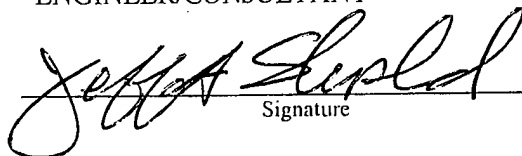
## IX. CERTIFICATION

To the best of my knowledge and belief, I certify the information provided in this application is true and accurate:

### APPLICANT

 Signature  
Kevin Gardner  
General Manager Name & Title  
1-8-08 Date

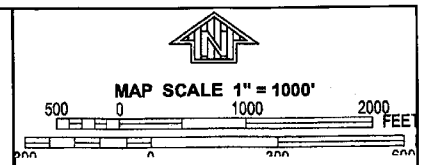
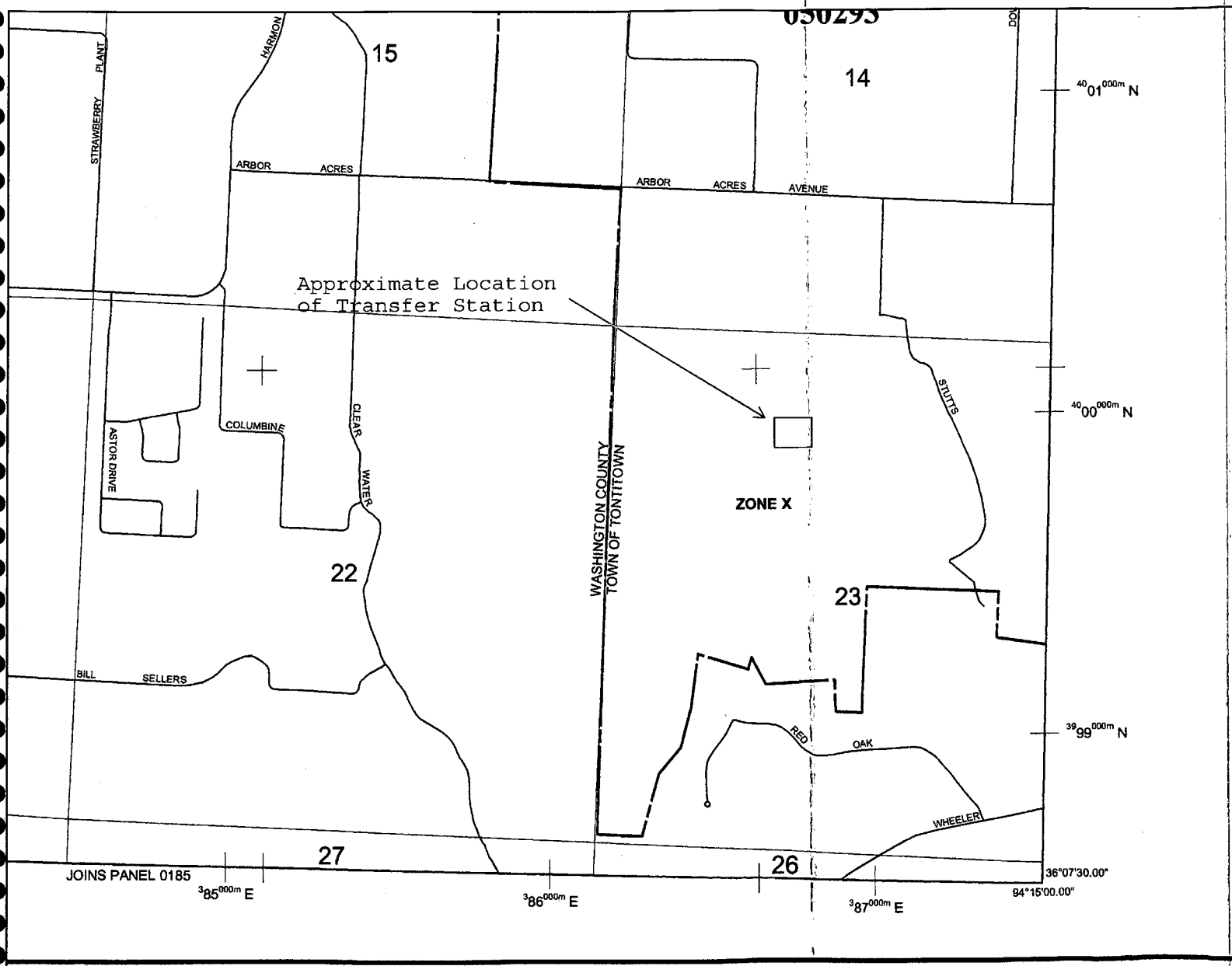
### ENGINEER/CONSULTANT

 Signature  
Jeff A. Shepherd  
Senior Engineer Name & Title  
1/14/08 Date

*CONFIDENTIALITY: This application shall be available for public inspection, provided, however, that the Department shall not disclose, except to authorized persons, any information which the Director determines is entitled by law to protection as trade secrets without the consent of the applicant. Trade secrets shall not include the name and address of the applicant, nor any information necessary, as determined by the Director, for the public to evaluate the hazards associated with the proposed operation, nor any other information required by law to be available to the public.*



**ATTACHMENT B**  
**SITE MAP AND FEMA MAP**



PANEL 0045F

**FIRM**  
FLOOD INSURANCE RATE MAP  
WASHINGTON COUNTY,  
ARKANSAS  
AND INCORPORATED AREAS

PANEL 45 OF 575  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
WASHINGTON COUNTY	050212	0045	F
TONTOWN, TOWN OF	050295	0045	F

Notice to User: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

**MAP NUMBER**  
05143C0045F






**MAP REVISED**  
MAY 16, 2008

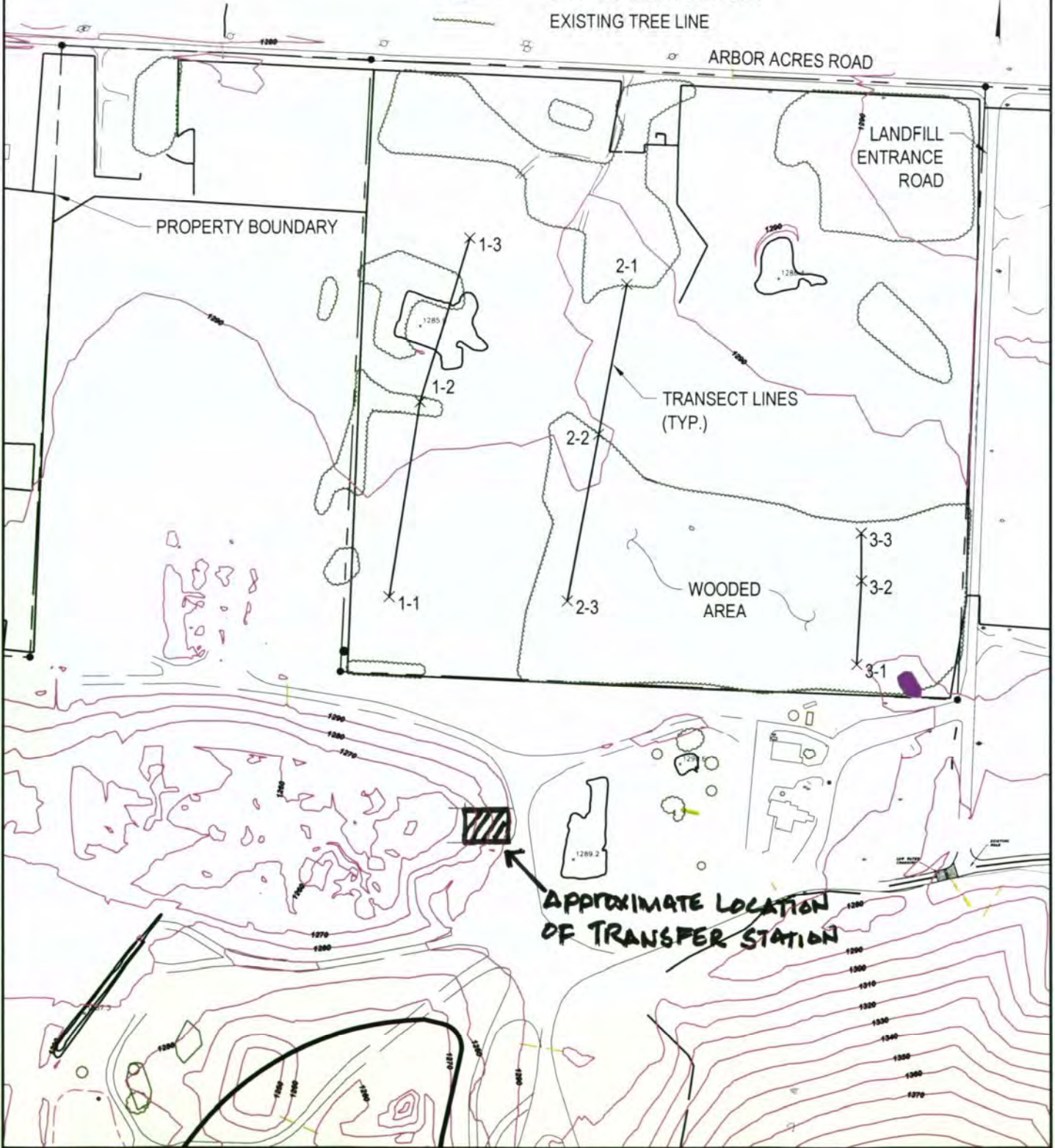
Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)

**ATTACHMENT C  
WETLANDS MAP**

# LEGEND

-  TRANSECT LINES
-  OBSERVATION POINT
-  WETLAND AREA
-  EXISTING INDEX CONTOUR
-  EXISTING TREE LINE



Project Mgr:	JAT
Drawn By:	TSW
Checked By:	JAT
Approved By:	JAT

Project No.	062-014-35067049
Scale:	N.T.S.
File No.	010
Date:	5/19/06

**Terracon**  
 Consulting Engineers and Scientists  
 11400 WEST BASELINE ROAD LITTLE ROCK, AR. 72209  
 PH. (501) 455-2199 FAX. (501) 455-4547

WETLAND DELINEATION MAP  
 WETLAND DELINEATION  
 WASTE MANAGEMENT, LLC  
 TONTITOWN LANDFILL  
 TONTITOWN ARKANSAS

FIG. No.  
**3**

**ATTACHMENT D  
PERMIT DRAWINGS**

# ***TONTITOWN LANDFILL***

**WASHINGTON COUNTY, ARKANSAS**



**WASTE MANAGEMENT OF ARKANSAS, INC  
2210 WASTE MANAGEMENT DRIVE  
SPRINGDALE, ARKANSAS 72762**

## **TRANSFER STATION PLAN MINOR PERMIT MODIFICATION**

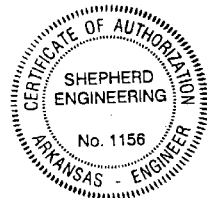
**JUNE 2008**

**PERMIT DRAWINGS**

**PREPARED BY:**



*Jeffrey A. Shepherd 6/27/08*



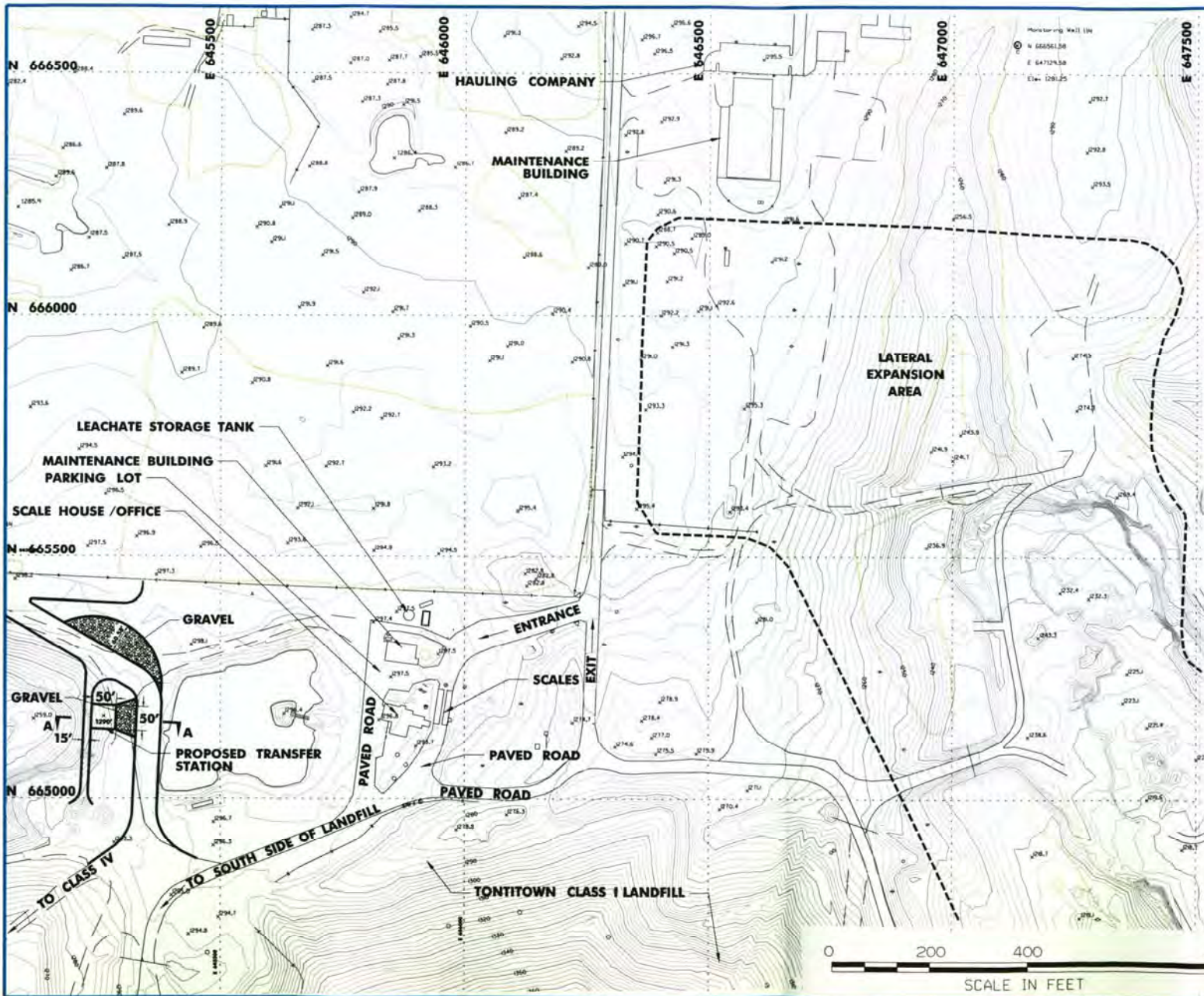
**4000 NORTH CLASSEN BLVD. SUITE 110-S  
OKLAHOMA CITY, OK 73118  
PHONE: (405) 996-5301  
FAX: (405) 488-0029**

**SEDCo Project No: 07010043**

**DRAWING INDEX**

<u>DRAWING NUMBER</u>	<u>DESCRIPTION</u>
	COVER
1	OVERALL SITE PLAN
2	TRANSFER LAYOUT PLAN
3	DETAILS I
4	DETAILS II





N

LEGEND:

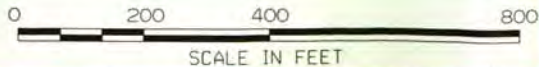
- EXISTING CONTOUR (10' INDEX)
- EXISTING CONTOUR (2' INTERMEDIATE)
- WATER SURFACE CONTOUR
- PROPOSED CONTOUR
- ACCESS ROAD (GRAVEL)
- EXISTING CHAIN LINK FENCE
- EXISTING 3-STRAND BARB-WIRE FENCE
- EXISTING STORM DRAIN CULVERT
- SPOT ELEVATION
- EXISTING TANK OR COMMERCIAL STRUCTURE
- EXISTING POWER POLE
- EXISTING POST
- STATE PLANE COORDINATE GRID (500' SPACING)
- SOLID WASTE FACILITY BOUNDARY
- INTERMEDIATE CONTOURS
- PHASE OUTLINE
- EW-1 = EXTRACTION WELL NO. 1
- GP-1 = GAS PROBE NO. 1
- GW-1 = GROUNDWATER WELL NO. 1

NOTES

1. EXISTING AERIAL TOPOGRAPHIC MAP INFORMATION PROVIDED BY AM ENGINEERING, INC. AND COMPILED FROM AERIAL PHOTOGRAPHY DATED DECEMBER 26, 2006.
2. PROPERTY BOUNDARY WAS TAKEN FROM TONTITOWN CLASS I LANDFILL PERMIT DRAWINGS, PERMIT NO. 0290-S-88 DATED MAY 2004 REVISED SEPTEMBER 2005.
3. PHASE CONSTRUCTION AND DEVELOPMENTAL SUBJECT TO CHANGE BASED ON OPERATIONAL CONSTRAINTS.
4. CONTRACTOR TO VERIFY LOCATIONS OF ALL MONITORING WELLS AND PROTECT THEM FROM DAMAGE.

STATE OF ARKANSAS  
REGISTERED PROFESSIONAL ENGINEER  
No. 10836  
JEFFREY A. SHEPHERD

*Jeffrey A. Shepherd 6/20/08*



<input type="checkbox"/> CLIENT APPROVED:	
<input type="checkbox"/> CLIENT APPROVED AS NOTED:	
REVISIONS	
NO.	DATE
DESCRIPTION	
1300 North Cleburn Blvd Suite 118-S Dallas, TX 75243	Project (480) 488-0029 Fax (480) 488-0029
DRN	DES
CHK	JMS
APP	JMS
<b>shepherd</b> ENGINEERING <small>MEMBER: NATIONAL ASSOCIATION</small>	
<b>WASTE MANAGEMENT OF ARKANSAS, INC.</b> TONTITOWN CLASS I LANDFILL TRANSFER STATION PERMIT DRAWINGS WASHINGTON COUNTY, ARKANSAS	
<b>OVERBALL SITE PLAN</b>	
DATE: 06/20/08	SCALE: 1"=400'
PROJECT NO.: 070802	DRAWING NO.:
1 of 4	



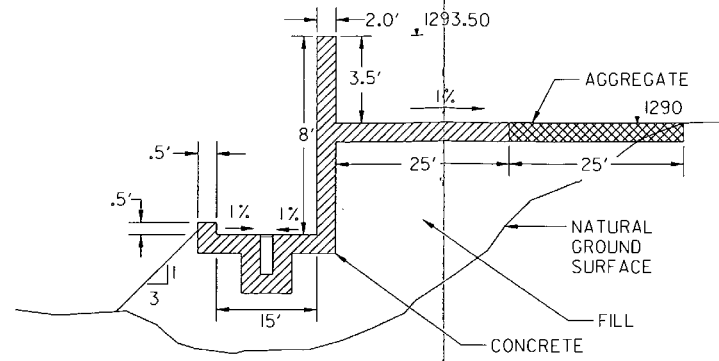
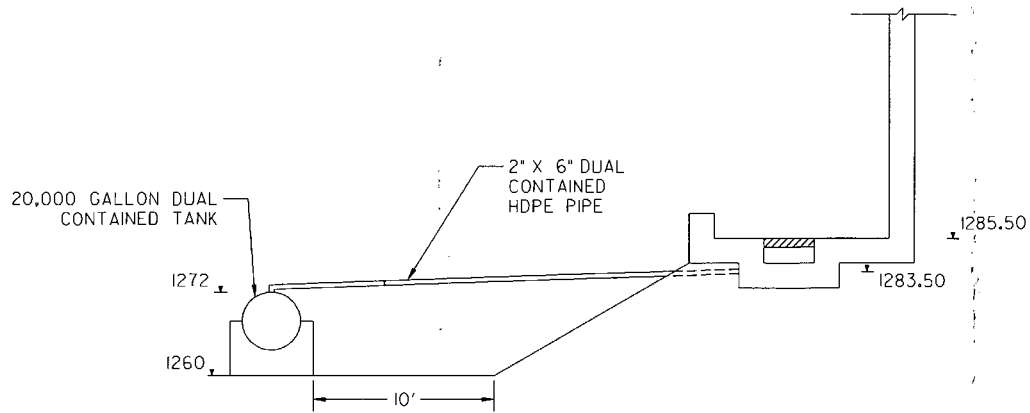


- LEGEND:**
- EXISTING CONTOUR (10 INDEX)
  - EXISTING CONTOUR (2' INTERMEDIATE)
  - WATER SURFACE CONTOUR
  - PROPOSED CONTOUR
  - ACCESS ROAD (GRAVEL)
  - EXISTING CHAIN LINK FENCE
  - EXISTING 3-STRAND BARRI-WIRE FENCE
  - EXISTING STORM DRAIN CULVERT
  - SPOT ELEVATION
  - EXISTING TANK OR COMMERCIAL STRUCTURE
  - EXISTING POWER POLE
  - EXISTING POST
  - STATE PLANE COORDINATE GRID (500' SPACING)
  - SOLID WASTE FACILITY BOUNDARY
  - INTERMEDIATE CONTOURS
  - PHASE OUTLINE
  - EW-1+ EXTRACTION WELL NO. 1
  - GP-1+ GAS PROBE NO. 1
  - MW-1+ GROUNDWATER WELL NO. 1
- NOTES**
- EXISTING AERIAL TOPOGRAPHIC MAP INFORMATION PROVIDED BY AMI ENGINEERING, INC. AND COMPILED FROM AERIAL PHOTOGRAPHY DATED DECEMBER 26, 2006.
  - PROPERTY BOUNDARY WAS TAKEN FROM TONTITOWN CLASS I LANDFILL PERMIT DRAWINGS, PERMIT NO. 0290-SI-RR DATED MAY 2004 REVISED SEPTEMBER 2005.
  - PHASE CONSTRUCTION AND DEVELOPMENT SUBJECT TO CHANGE BASED ON OPERATIONAL CONSTRAINTS.

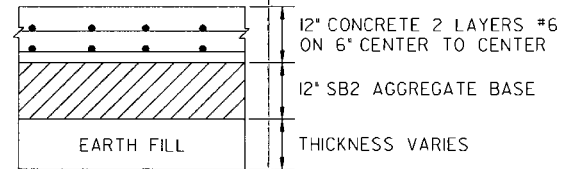
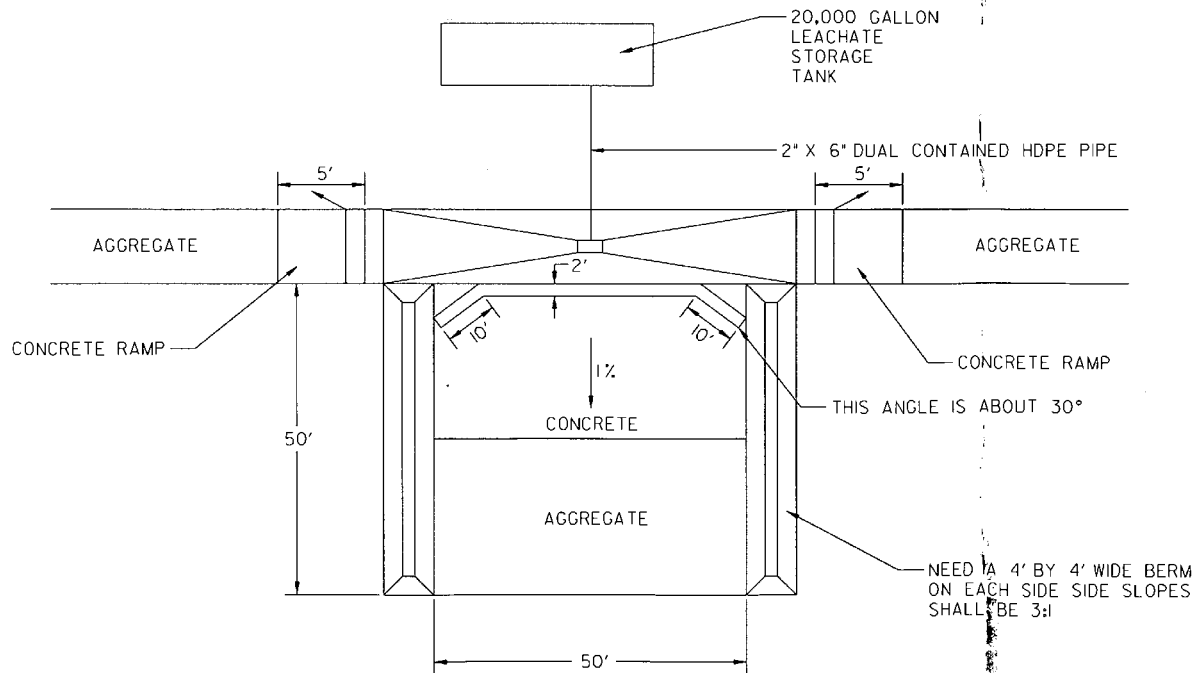


<input type="checkbox"/> CLIENT APPROVED <input type="checkbox"/> CLIENT APPROVED AS NOTED	
REVISIONS	DESCRIPTION
NO.	DATE
4300 N. Hwy 94, Clayton Blvd. Suite 118-S Oklahoma City, OK 73118 Phone: (405) 948-5300 Fax: (405) 488-0827	
<b>WASTE MANAGEMENT OF ARKANSAS, INC.</b> TONTITOWN CLASS I LANDFILL TRANSFER STATION CONSTRUCTION PLANS WASHINGTON COUNTY, ARKANSAS	
<b>TRANSFER LAYOUT PLAN</b>	
DATE:	JUNE 2008
PROJECT NO.:	878861
FILE NAME:	
DRAWING NO.:	
2 of 4	





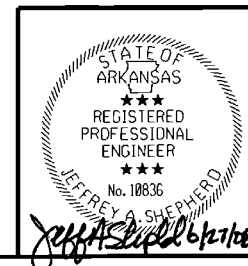
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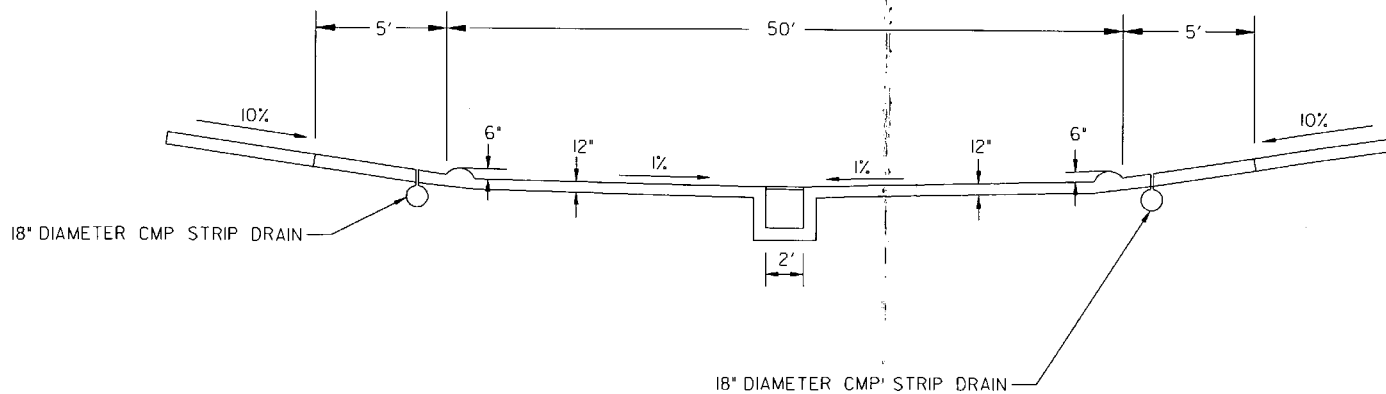
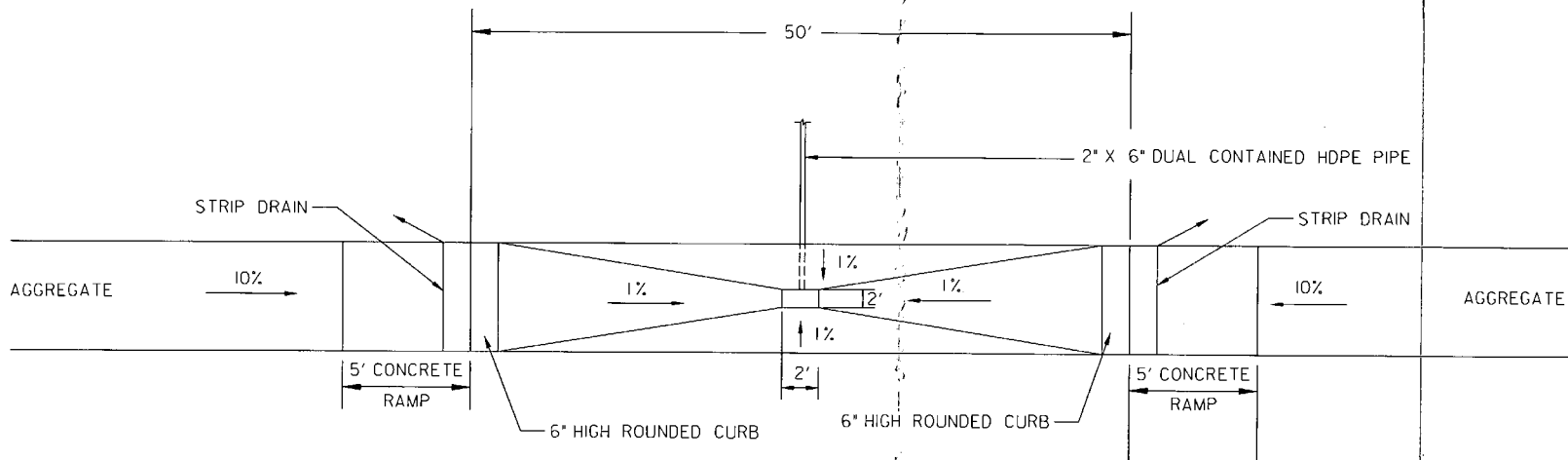
PAVEMENT SECTION

NOTES:

- 1) CONCRETE SHALL BE 3500 PSICONCRETE
- 2) AGGREGATE SHALL BE COMPACTED TO 100% COMPACTION OF STANDARD PROCTOR
- 3) EARTH FILL SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR.



<input type="checkbox"/> CLIENT APPROVED <input type="checkbox"/> CLIENT APPROVED AS NOTED	
REVISIONS NO. DATE DESCRIPTION	1288 West 8th, El Dorado, Ark. 71838 Suite 118-S Deltahome, Ark. 72118 BRN BRS BEB KMA CMC JAS JSP Phone: (485) 998-5338 Fax: (485) 488-0025
<b>WASTE MANAGEMENT OF ARKANSAS, INC.</b> FORTTOWN LANDFILL TRANSFER STATION CONSTRUCTION PLANS WASHINGTON COUNTY, ARKANSAS	
<b>DETAILS 1</b>	
DATE: JUNE 2008 PROJECT NO.: FILENAME: DRAWING NO:	3 of 4



CLIENT APPROVED: \_\_\_\_\_  
 CLIENT APPROVED AS NOTED: \_\_\_\_\_

NO.	DATE	DESCRIPTION

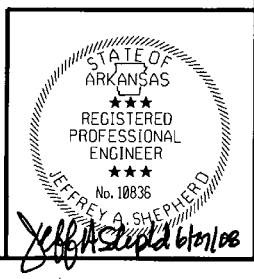
4308 North Claxson Blvd.  
 Suite 105  
 Columbia, MS 39208  
 Phone: (601) 896-5200  
 Fax: (601) 896-8822

DESIGNED	CHECKED	DATE



**WASTE MANAGEMENT OF ARKANSAS, INC.**  
 TONTOWN LANDFILL  
 TRANSFER STATION CONSTRUCTION PLANS  
 WASHINGTON COUNTY, ARKANSAS

**DETAILS 11**



DATE:	JUNE 2008
PROJECT NO.:	270880
FILENAME:	
DRAWING NO.:	

**ATTACHMENT E  
OPERATING PLAN**



**WASTE MANAGEMENT**

**TRANSFER STATION  
OPERATING PLAN**

**TONTITOWN TRANSFER STATION**

**ADEQ PERMIT NO.: 0023-STSW-CM  
AFIN 72-00144**

**Prepared for:**

Waste Management of Arkansas  
2210 Waste Management Drive  
Springdale, AR 72762

**Prepared by:**

Shepherd Engineering Design Co., Inc.  
4308 North Classen Blvd.  
Oklahoma City, OK 73118  
Phone: (405) 996-5301  
Fax: (405) 488-0029

AR P.E. No.:10836  
AR CA No.:1156



DESIGN COMPANY INCORPORATED

Tontitown Transfer Station  
 Operating Plan  
 ADEQ Permit No.: 0023-STSW-MC  
 AFIN No.: 72-00144

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**APPENDICES**

- Appendix A – Solid Waste Permit
- Appendix B – Tontitown Transfer Station Load Inspection Form

## OPERATING PLAN

### WASTE MANAGEMENT OF ARKANSAS, INC. TONTITOWN TRANSFER STATION SPRINGDALE, ARKANSAS

ADEQ PERMIT NO.: 0023-STSW-MC  
AFIN NO.: 72-00144

SEDCo Project No. 07010028  
JUNE 2008

#### 1.0 INTRODUCTION AND PURPOSE

The following information constitutes an Operating Plan (OP) for the Tontitown Transfer Station (TTS) and is intended to provide a reference and directive for operators and maintenance personnel. Specifically this OP provides specific information and procedures to assist TTS personnel in safely and effectively operating, maintaining and monitoring the TTS in accordance with the facility's solid waste permit and *Arkansas Regulation 22*.

#### 1.1 Facility Location and Service Area

The TTS is located approximately 4 miles south of Highway 412 on Arbor Acres Road. The TTS is located at 2210 Waste Management Drive at the existing Eco-Vista Class I Landfill (formerly known as the Tontitown Class I Landfill). The TTS provides service to Washington, Benton, Madison Carroll, and Crawford counties in Arkansas; Delaware County in Oklahoma; McDonald County in Missouri. The transfer station is not going to accept more than 15,600 tons per year and there are already several other types of solid waste facilities within the service area including transfer stations and Class I and IV landfills.

#### 1.2 Regulatory Requirements and Authority

The OP has been developed to comply with the requirements for solid waste transfer stations as detailed in *Arkansas Regulation 22.904* (Operational Requirements) and the TTS Individual *Solid Waste Permit (APPENDIX A)*. Enforcement of these provisions is administered by the Arkansas Department of environmental Quality (ADEQ) Solid Waste Management Division (SWMD).

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## 2.0 FACILITY OPERATION PLAN

The following section describes specific operational procedures for the TTS as required by *Arkansas Regulation §22.904*.

### 2.1 Hours of Operation

The TTS is open between 8:00 a.m. until 5:00 p.m. Monday through Friday and 8:00 a.m. to 12:00 p.m. on Saturday. The TTS is closed on Sunday and on all major holidays.

### 2.2 Access Control, Signs, and Security

There is one convenient access from Arbor Acres Road to the TTS. Access to the TTS is controlled via a gated entrance and the potential for unauthorized access and/or waste disposal is minimal.

The hours of operation and emergency phone numbers for the TTS are posted on signs at the main entrance. In addition, numerous signs directing TTS customers and traffic are posted around the facility's one way road and operational building.

The majority of the TTS facility is surrounded with a security fence to control access to the site. There is only one gate into the facility and it is locked when the facility is closed. Key contacts related to the management and operations of the TTS are provided in Section 2.3. The contact number for the TTS is (479) 361-2069 during working hours.

### 2.3 Facility Supervision, Personnel and Training

The following individuals have management authority regarding the daily operations at the TTS. The listed personnel are available to assist clients and regulatory agencies regarding all waste management needs and concerns for the TTS facility.

#### **Tontitown Transfer Station General Manager:**

Kevin Gardner  
2210 Waste Management Drive  
Springdale, AR 72762  
Phone: (479) 361-1111  
Fax: (479) 361-1103

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### **Tontitown Transfer Station Site Manager**

Kirby Thompson  
2210 Waste Management Drive  
Springdale, AR 72762  
Phone: (479) 361-2069  
Fax: (479) 361-5934

The following operational personnel positions have specific job functions at the TTS. These individuals report directly to the Site Manager.

- *TTS Equipment Operator*
  - *Responsible for operations when Site Manager is unavailable.*
  - *Responsible for Loader and Day to Day Operations;*
  
- *TTS Office Manager*
  - *Logs incoming vehicles and provides directions to customers.*
  - *Acts as Customer Liaison.*

The Solid Waste Licensing Program is administered by the ADEQ under the authority of *Arkansas Regulation 27*. All operators at the facility are trained and licensed in accordance with the *Regulation 27* requirements. TTS employees are also required to receive training in hazardous waste recognition and personal safety. The documentation of personnel training is maintained as part of the TTS personnel record. The number of personnel and/or positions at the TTS is subject to change.

### **2.4 Ultimate Disposal of Solid Waste**

The TTS serves the counties of Washington, Benton, Madison, Carroll and Crawford in Arkansas; Delaware County in Oklahoma; and McDonald County in Missouri. The transfer station is not going to accept more than 15,600 tons per year and there are already several other types of solid waste facilities within the service area including transfer stations and Class I and IV landfills. Currently, all solid waste received at the TTS is transferred for disposal to the Eco-Vista Class I Landfill (formerly known as Tontitown Class I Landfill) in Tontitown, Arkansas or the Ozark Ridge Class I Landfill in Danville, Arkansas. Both Tontitown Class I Landfill and Ozark Ridge Class I Landfill are WMAR owned and operated Class I solid waste landfills that are permitted for operations by the ADEQ (Permit No.: 0290-S1-R2 and 0225-S1-R5).



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## 2.5 Waste Processing Areas

The TTS has a dedicated tipping area (See Permit Drawings) for solid waste collection vehicles. Loaded waste collection trucks or private vehicles are received at the TTS office where the volume of waste is weighed. After the trucks are weighed, they are directed to the tipping floor where it is unloaded. After inspection, the waste is either directly loaded to a waiting transfer truck/trailer or it is stockpiled until a transfer vehicle becomes available.

The TTS currently uses 100-yard trailers or various size roll-off containers to transfer waste to the landfill. The TTS will transfer all solid waste to the landfill by the end of each business day. Loads not taken to the landfill at the end of the day will be tarped.

Since the transfer station will be accepting less than 15,600 tons per year (60 tons per day), all loads will be moved into transfer trailers or roll-off containers within the day they arrive. The transfer station is not designed to store waste inside the facility. Waste will not be stored at the facility. If for some reason waste is stored at the facility, it will be stored in a transfer trailer or roll-off container. A waterproof tarp will be used to cover the loads in the trailers or roll-off containers. Also, the trailers or roll-off containers will be stored in the loading area so that all water that accumulates in the trailers or roll-off containers can be drained to the leachate collection system.

## 2.6 Solid Waste Receipt and Measurement

All incoming waste at the TTS is currently weighted using a truck scale located at the entrance to the facility. Detailed records regarding the quantity of waste received and its source (i.e. industrial, commercial, etc.) shall be maintained for review and inspection by ADEQ personnel and is reported every year as part of the Annual Engineering and Inspection Report (AEIR). The quantities of recyclable materials removed from the waste stream shall also be recorded along with the volume (or tonnage) of waste materials transferred to the landfill.

## 2.7 Record Keeping and Reporting

As required by the *ADEQ Individual Transfer Station Solid Waste Permit* and *Arkansas Regulation 22*, design and operational records are to be maintained at the site for review by ADEQ personnel. Specifically, all reports, data, documents, and information pertaining to the design, operation, and monitoring of the TTS are maintained in these files including this OP.

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## 2.8 Acceptable Waste

*Chapter 7* and *Section 22.412* of *Arkansas Regulation 22* establish restrictions and standards for waste materials that can be accepted at different types of solid waste disposal facilities. Specifically, *Chapter 7* describes special waste materials requiring special handling and disposal procedures. *Section 22.412* of *Arkansas Regulation 22* establishes standards and protocol for restricting the receipt of hazardous materials. The TTS conducts random inspection of waste loads at a minimum of once per day. A copy of the TTS Load Inspection Report is included in **APPENDIX B**.

The TTS accepts a wide variety of Class 1 waste materials as defined in *Arkansas Regulation 22*. More specifically, Class 1 waste materials are described as follows:

- *Class 1 waste: non-hazardous household, commercial, and industrial solid waste, and small quantities of conditionally exempt hazardous wastes; and*
- *Class 4 waste as defined in Arkansas Regulation 22.*

Certain waste materials are not permitted for disposal at the Tontitown Class I; Class 4; Ozark Ridge Class I Landfill and therefore are not accepted at the Tontitown Transfer Station. These materials include hazardous waste, liquid waste, and medical waste as defined by *Arkansas Regulation 22*. Some other materials may be received at the TTS but require special handling or processing. These items include used tires, industrial (special) waste, and asbestos. All paperwork and recordkeeping regarding special waste will be made a part of the TTS operating record.

## 2.9 Asbestos Waste

The TTS does accept asbestos waste if contacted by clients in advance. Loads containing asbestos will be segregated from other waste. The asbestos will be delivered directly to the TTS waste disposal facility where it can be handled in a safe manner in accordance with the landfill's procedures and *Arkansas Regulation 22.702*. Asbestos received at the TTS must comply with all packing and labeling requirements in accordance with *Arkansas Regulation 21*.

## 2.10 Unapproved Waste Exclusion and Contingency Plan

Questionable wastes which cannot be identified will not be accepted for disposal. The hauler responsible for the waste will be contacted and will be asked to identify the source of the waste. The waste will then be removed from the site by the hauler or the characteristics of the waste will be identified by the generator to confirm that the waste is acceptable for

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disposal. If the hauler cannot be identified, TTS shall have the waste characterized by a qualified laboratory. In the event the waste is not acceptable, handling and disposal shall be in accordance with appropriate regulations. The ADEQ will be contacted if hazardous waste is encountered at the TTS.

### **2.11 Control of Litter, Insects, Odors and Vectors**

Blown litter, odors, and insects are minimized through the tarping of waste during periods of inactivity. Additionally, TTS personnel are utilized on a regular basis to pick up stray litter around the TTS. Because all waste is typically transferred at the end of a working day, there is very little potential for vectors, insects, and odors to reach nuisance levels.

### **2.12 Facility Maintenance and Equipment**

The TTS performs routine maintenance on a daily basis. Maintenance consists of washing or sweeping down the tipping floor and picking up stray litter. Water that is used to clean machinery and the tipping floor is collected into the TTS facility leachate collection systems which consist of a system of drains, pipes, and a leachate storage tank. The TTS leachate storage tank is checked daily and once full is hauled to the City of Springdale Waste Water Treatment Plant.

The TTS also performs routine maintenance on equipment that is used to load and transfer solid waste in accordance with the manufacturer's recommendations. The TTS will utilize a loader and rubber tire track hoe (or other equivalent type of equipment) to move waste from the tipping floor to transfer vehicles.

### **2.13 Stormwater Drainage**

The TTS is permitted under the *ADEQ General Industrial Stormwater Permit for Transfer Stations (Tracking Number ARR000231)*. In accordance with the permit, a stormwater pollution prevention plan (SWPPP) has been prepared for the site. The SWPPP includes best management plans (BMP) which will reduce the impact of transfer station activities on stormwater runoff from the TTS.

As designed, all stormwater that is collected in the transfer station during the open hours (Monday – Saturday) is considered leachate. On Saturday afternoon, the TTS will be cleaned and will not be open for waste until Monday. Since the TTS is thoroughly cleaned, water collected on Saturday afternoon through Monday morning will be treated as clean stormwater.

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## 2.14 Fire Protection Procedures

Fire prevention and response is an important part of transfer station operations. The potential for fires at the TTS is kept low by insuring that the quantity of waste onsite at any given time is kept at a minimum. However, TTS employees have equipment to respond to small fires if they arise. This equipment includes five fire extinguishers posted within the transfer station facility, small extinguishers on all TTS equipment, and water hoses. TTS employees are to contact the Springdale Fire Department immediately if there is any danger to human life or the TTS facility. The contact number for the Springdale Fire Department (479) 751-4510 is posted in the TTS office to provide a quick response should a fire occurs.

## 2.15 Facility Safety Hazards and PPE

Identified safety hazards at the TTS include the potential for exposure to waste and pathogens that could adversely impact human health and the environment. Additionally, TTS workers must also be aware of moving machinery and the potential for falling trash from loaders or trucks.

The TTS maintains a WMAR specific Emergency Action Plan and an Emergency Response Plan for TTS operations. TTS employees are required to wear the following PPE at all times while outside of the TTS office:

- Hard Hat (Protection from falling debris, Extra head protection during loading/unloading of trash);
- Safety Glasses (Protects from any flying debris or liquids splashing hazard during trash loading/unloading);
- Reflective Safety Vest (Makes STS employees more obvious to equipment operators to prevent accidents); and
- Protective Gloves. (Prevents contact with solid waste that may contain sharp objects or infectious/hazardous agents).

## 2.16 Closure Plan

If operations cease at the transfer station such that a request is made to the ADEQ to void the permit, the following steps will be undertaken:

- Removal of all solid waste material, recovered recyclables and stored materials to appropriate and permitted disposal facilities;

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- Removal of any equipment and supplies which are not needed for other site operations; and
- Demolition of all concrete structures, removal of all underground piping and materials disposed of at the Eco-Vista Class I Landfill (formerly known as Tontitown Class I Landfill).

**APPENDIX A  
SOLID WASTE PERMIT**

# ADEQ

ARKANSAS  
Department of Environmental Quality

March 13, 2007

Waste Management-Tontitown LF, LLC  
Attn: Scott Tarkington  
2210 Waste Management Drive  
Springdale, AR 72762

**RE: Coverage Under General Permit for  
WM Tontitown Transfer Station  
Solid Waste Permit 0023-STSW-MC; AFIN 72-00144  
Document Identifier# 44177; Cross Reference Identifier 34615**

Dear Mr. Tarkington:

Waste Management of Arkansas is hereby granted coverage under the General Permit for the operation of an existing Transfer Station Facility located in Springdale, Arkansas. Permit tracking number 0023-STSW-MC has been assigned to the facility.

Please note that compliance with the terms and conditions of the general permit and the provisions of Regulation 22, and the submitted operations and design narratives and drawings (Reference Identifier: 34615) is required at all times. Please note the above reference numbers assigned to your facility. Use these numbers on all correspondence and submittals related to the facility. Please be reminded that periodic reporting is required by the general permit and that annual permit fees will be due in each calendar year hereafter.

If you have any questions, please call Ali Dorobati at (501) 682-0603.

Sincerely,



Steve Martin; Chief, SWMD

Enclosures: General Permit for the Operation of a Solid Waste Transfer Station

CC: Bryan Leamons, Engineer Supervisor, SWMD  
Susan Speake, Programs Branch, SWMD  
Harry Elliott, Enforcement Branch, SWMD  
Jim Purvis, Fiscal Division, ADEQ  
Justin Sparrow; Inspector, SWMD

SOLID WASTE MANAGEMENT DIVISION

8001 NATIONAL DRIVE / POST OFFICE BOX 8913 / LITTLE ROCK, ARKANSAS 72219-8913 / TELEPHONE 501-682-0602 / FAX 501-682-0611

[www.adeg.state.ar.us](http://www.adeg.state.ar.us)

Facility: Waste Management of Arkansas Transfer Station Facility  
AFIN: 72-00144  
Permit Number: 0023-STSW-MC

CERTIFICATE OF SERVICE

I, Mona P. Armen, hereby certify that a copy of this permit has been mailed by first class mail to Scott Tarkington, 2210 Waste Management Drive, Springdale, AR 72784 on or before this 15th day of March, 2007.

SOLID WASTE MANAGEMENT DIVISION

8001 NATIONAL DRIVE / POST OFFICE BOX 8913 / LITTLE ROCK, ARKANSAS 72219-8913 / TELEPHONE 501-682-0602 / FAX 501-682-0611

[www.adeq.state.ar.us](http://www.adeq.state.ar.us)



**APPENDIX B  
TTS LOAD INSPECTION FORM**

## Random Inspections

Date	Plate	Hauler	Driver
Source		Rejected Items	
Declared Class		Actual Class	By

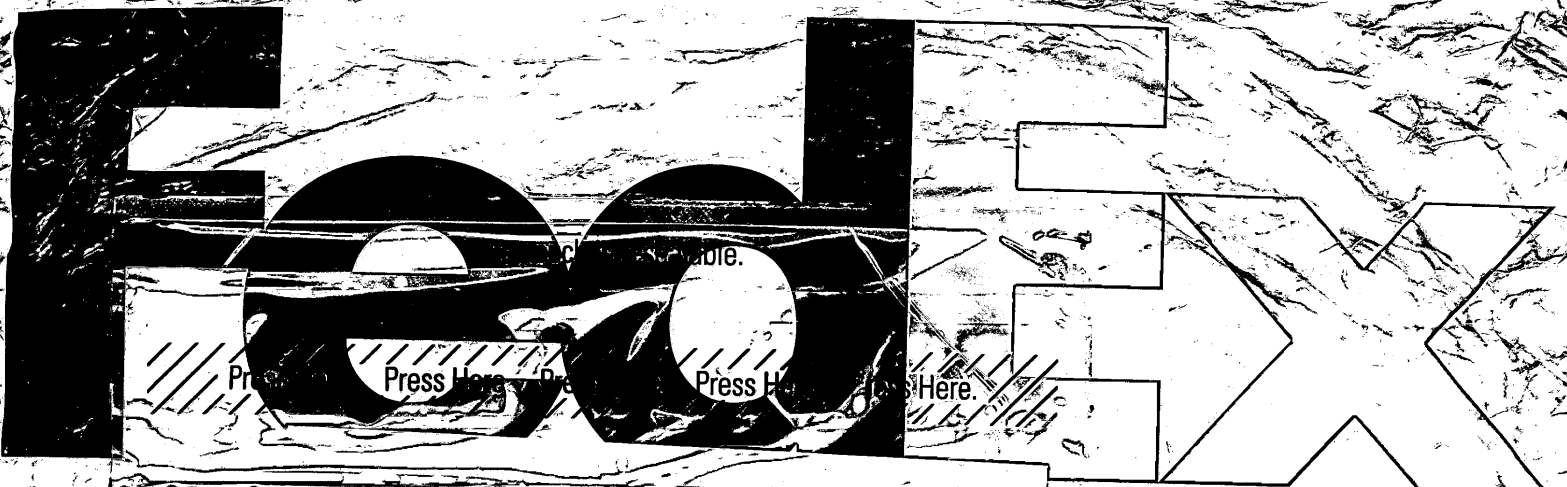
Date	Plate	Hauler	Driver
Source		Rejected Items	
Declared Class		Actual Class	By

Date	Plate	Hauler	Driver
Source		Rejected Items	
Declared Class		Actual Class	By

Date	Plate	Hauler	Driver
Source		Rejected Items	
Declared Class		Actual Class	By

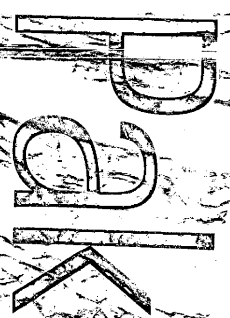
Date	Plate	Hauler	Driver
Source		Rejected Items	
Declared Class		Actual Class	By

Date	Plate	Hauler	Driver
Source		Rejected Items	
Declared Class		Actual Class	By



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<p>From: Origin ID: TIKK (405)996-5304 Cathi Jo Reznicek Shepherd Engineering Design Co 4000 N Classen Blvd. Suite 110-S Oklahoma City, OK 73118</p>	<p>SHIP TO: 501-682-0801 <b>Bryan Leamons, P.E.</b> Arkansas DEQ 8001 National Drive <b>Little Rock, AR 72219</b></p>	<p>Ship Date: 30JUN08 Act/Wgt: 1 LB System#: 8285128/MET8061 Account#: S *****</p>	<p>Delivery Address Bar Code</p> 	<p>Ref # Invoice # PO # Dept #</p>	<p>TRK# 0201 7998 7587 9191</p>	<p>TUE - 01JUL A1 PRIORITY OVERNIGHT</p>	<p>72219 AR-US MEM</p>
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**XH LITA**



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