



925 S. Broadway, Suite 251
Cortez, CO 81321
PH: (970)565-1198
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Permit Renewal Application

for

Class V Landfill: Permit Number 0405M1

(Asbestos-Containing Material and Construction/Demolition Material)

Renewal Application Presented To:

State of Utah

Division of Solid and Hazardous Waste

Department of Environmental Quality

Renewal Application Prepared by:

Contract Environmental Services, Inc.

925 S. Broadway, Suite 251
Cortez, CO 81321

Renewal Application Date: August 24th, 2009

Property Location:

Northeast Quarter, Section 18, Township 39 South, Range 26 East
San Juan County, Utah
(160 Acres)

express
RECEIVED

AUG 27 2009

UTAH DIVISION OF
SOLID & HAZARDOUS WASTE
2009.02754

TABLE OF CONTENTS

- 1. Renewal Application**
- 2. Existing Permit Number 0405M1 and Permit Requirements**
- 3. Narrative**
- 4. Required Submittals**
 - a) R315-302; Solid Waste Facility Location Standards, General Requirements, Closure
 - b) R315-303; Landfill Standards
 - c) R315-305; Landfill Standards
 - d) R315-309; Financial Assurance
 - e) R315-310; Closure Cost and Post Closure Cost Calculations
 - f) R315-315; Asbestos Waste
- 5. Attachments -- Attachment A: Other Existing Permits**
 - a) UPDES Permit Number UTR000713 – March 1st, 2008
 - b) UST Soil Recycling Plan – June 22nd, 2004
 - c) Landfarm Permit Expansion – January 18th, 2002
 - d) Original Landfarm Permit – May 12th, 1999

Attachment B: Accreditation of CESI Members

 - e) Utah Asbestos Company Certification 2008 – 2009
 - f) Utah Asbestos Program Individual Certification for Tsuyoshi Okano 2008-2009
 - Asbestos Inspector 2007-2009
 - Asbestos Management Planner 2008-2009
 - Asbestos Contractor / Supervisor 2007-2009
 - Hazardous Waste Operations and Emergency Response 2007-2009
 - g) Utah Asbestos Program Individual Certification for Fred Palmer 2008-2009
 - Asbestos Contractor / Supervisor 2008-2009

Attachment C: CESI Waste Manifests

 - h) Asbestos Waste Manifest
 - i) Construction and Demolition Waste Manifest
 - j) Landfarm Soil Delivery Manifest

Attachment D: Inspection Reports by Utah Solid Waste Permitting Rules 2009 and 2005

Attachment E: Landfill Site Inspection Form

Attachment F: Financial Assurance

 - k) Letter of Credit for Asbestos Landfill
 - l) Surety Bond for Landfarm
 - m) Certificate of Insurance

6. Maps

- a) Utah State Parks and Museum
- b) San Juan County area map
- c) Ruin Point, Utah and Colorado
- d) Landfill Site Location
- e) Section 18
- f) Landfill Cell Locations (160 acres)
- g) Cell #10, 11, and 15
- h) Facility Entrance
- i) Internal Road System (Cell #1 - #18) East 80 acres
- j) Internal Road System (Cell #19 - #36) West 80 acres

7. Property Ownership (Warranty Deed)

8. Property Survey

9. Ranking Criteria and Score

10. Permeability Tests

11. Text Reference: Run-off Calculations

1	Renewal Application
2	Existing Permit Number 0405M1 and Permit Requirements
3	Narrative
4	Required Submittals
5	Attachments (A - F)
6	Maps
7	Property Ownership
8	Property Survey
9	Ranking Criteria and Score
10	Permeability Tests
11	Text Reference: Run-off Calculation
12	
13	
14	
15	

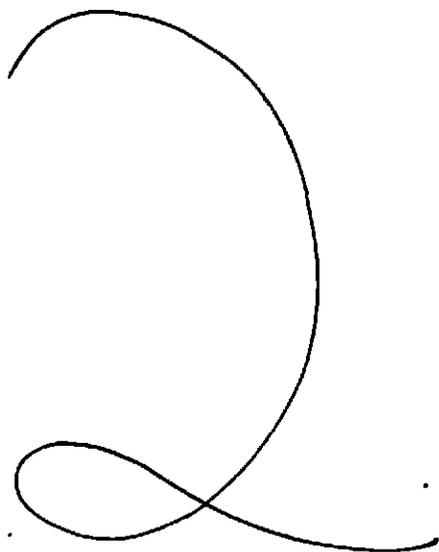


Utah Class I and V Landfill Permit Application Form

Part I General Information APPLICANT: PLEASE COMPLETE ALL SECTIONS.					
I. Landfill Type	<input type="checkbox"/> Class I <input checked="" type="checkbox"/> Class V	II. Application Type	<input type="checkbox"/> New Application <input checked="" type="checkbox"/> Renewal Application	<input type="checkbox"/> Facility Expansion <input type="checkbox"/> Modification	
For Renewal Applications, Facility Expansion Applications and Modifications Enter Current Permit Number <u>0405M1</u>					
III. Facility Name and Location					
Legal Name of Facility Contract Environmental Services, Inc.					
Site Address (street or directions to site) 19 miles north of Aneth, UT / 2 miles west of Hovenweep Monument				County San Juan County	
City N/A		State UT	Zip Code N/A	Telephone (970) 565-1198	
Township 39 S	Range 26 E	Section(s) 18	Quarter/Quarter Section NE	Quarter Section 1/4	
Main Gate Latitude N degrees 37 minutes 23 seconds 787			Longitude W degrees 109 minutes 05 seconds 746		
IV. Facility Owner(s) Information					
Legal Name of Facility Owner Contract Environmental Services, Inc.					
Address (mailing) 925 S. Broadway, Suite 251					
City Cortez		State CO	Zip Code 81321	Telephone (970) 565-1198	
V. Facility Operator(s) Information					
Legal Name of Facility Operator Contract Environmental Services, Inc.					
Address (mailing) 925 S. Broadway, Suite 251					
City Cortez		State CO	Zip Code 81321	Telephone (970) 565-1198	
VI. Property Owner(s) Information					
Legal Name of Property Owner Contract Environmental Services, Inc.					
Address (mailing) 925 S. Broadway, Suite 251					
City Cortez		State CO	Zip Code 81321	Telephone (970) 565-1198	
VII. Contact Information					
Owner Contact Tsuyoshi Okano			Title President		
Address (mailing) 310 S. Madison, Unit #3					
City Cortez		State CO	Zip Code 81321	Telephone (970) 565-2776	
Email Address yoshi_ces@hotmail.com			Alternative Telephone (cell or other)	(858) 401-3985	
Operator Contact Tsuyoshi Okano			Title President		
Address (mailing) 310 S. Madison, Unit #3					
City Cortez		State CO	Zip Code 81321	Telephone (970) 565-2776	
Email Address yoshi_ces@hotmail.com			Alternative Telephone (cell or other)	(858) 401-3985	
Property Owner Contact Tsuyoshi Okano			Title President		
Address (mailing) 310 S. Madison, Unit #3					
City Cortez		State CO	Zip Code 81321	Telephone (970) 565-2776	
Email Address yoshi_ces@hotmail.com			Alternative Telephone (cell or other)	(858) 401-3985	

Utah Class I and V Landfill Permit Application Form

Part I General Information (Continued)			
III. Waste Types (check all that apply)		IX. Facility Area	
<input type="checkbox"/> All non-hazardous solid waste (see R315-315-7(3) for PCB special requirements) OR the following specific waste types:		Facility Area..... <u>160</u> acres	
Waste Type	Combined Disposal Unit	Monofill Unit	Disposal Area..... <u>160</u> acres
<input type="checkbox"/> Municipal Waste	<input type="checkbox"/>	<input type="checkbox"/>	Design Capacity
<input checked="" type="checkbox"/> Construction & Demolition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Years..... <u>20</u>
<input type="checkbox"/> Industrial	<input type="checkbox"/>	<input type="checkbox"/>	Cubic Yards..... <u>1,320,000</u>
<input type="checkbox"/> Incinerator Ash	<input type="checkbox"/>	<input type="checkbox"/>	Tons..... <u>N/A</u>
<input type="checkbox"/> Animals	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/> PCB's (R315-315-7(3) only)	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Other _____	<input type="checkbox"/>	<input type="checkbox"/>	
X. Fee and Application Documents			
Indicate Documents Attached To This Application		<input checked="" type="checkbox"/> Application Fee: Amount \$ 100.00	Class V Special Requirements
<input checked="" type="checkbox"/> Facility Map or Maps	<input checked="" type="checkbox"/> Facility Legal Description	<input checked="" type="checkbox"/> Plan of Operation	<input checked="" type="checkbox"/> Waste Description
<input checked="" type="checkbox"/> Ground Water Report	<input checked="" type="checkbox"/> Closure Design	<input checked="" type="checkbox"/> Cost Estimates	<input checked="" type="checkbox"/> Financial Assurance
			<input checked="" type="checkbox"/> Documents required by UCA 19-6-108(9) and (10)
I HEREBY CERTIFY THAT THIS INFORMATION AND ALL ATTACHED PAGES ARE CORRECT AND COMPLETE.			
Signature of Authorized Owner Representative		Title	Date
		President	8/24/2009
Name typed or printed		Address	
Tsuyoshi Okano		925 S. Broadway, Suite 251, Cortez, CO 81321	
Signature of Authorized Land Owner Representative (if applicable)		Title	Date
_____		_____	_____
Name typed or printed		Address	
_____		_____	
Signature of Authorized Operator Representative (if applicable)		Title	Date
_____		_____	_____
Name typed or printed		Address	
_____		_____	



**Existing Permit
Permit Number 0405M1
and
Permit Requirements**



State of Utah

Department of
Environmental Quality

Dianne R. Nielson, Ph.D.
Executive Director

DIVISION OF SOLID AND
HAZARDOUS WASTE
Dennis R. Downs
Director

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

August 22, 2005

Shawn Adams, Owner
Contract Environmental Services, Inc.
410 North Auburn
Farmington, New Mexico 87401

Subject: Final Permit Modification #1 Transmittal

Dear Mr. Adams:

Enclosed is the modification to the permit for the Class V disposal facility in San Juan County Utah. The permit number has been changed to 0405M1. The permit carries the same expiration date as the original permit, February 28, 2010. Please read the permit carefully and note the differing conditions for cover required on the asbestos and C/D cells.

Also, please remember the fees required for both the asbestos and C/D waste disposed in the cells are \$2.50 per ton. These fees and the required documentation to be submitted with the monthly fee payment were outlined in a letter previously sent to you.

If you have any questions, please contact Ralph Bohn at 801/538-6794 or by email at rbohn@utah.gov.

Sincerely,

Dennis R. Downs, Executive Secretary
Utah Solid and Hazardous Waste Control Board

DRD/rth/kk

Enclosures: Modified Permit #0405M1

c: David Cunningham, B.S.N., R.N., Health Officer/, Southeast Utah District Health Dept.
David Ariotti, DEQ Southeastern District Engineer

file: Contract Environmental Class V

TN200501098.doc

288 North 1460 West • PO Box 144880 • Salt Lake City, UT 84114-4880 • phone (801) 538-6170 • fax (801) 538-6715
T.D.D. (801) 536-4414 • www.deq.utah.gov

UTAH SOLID AND HAZARDOUS WASTE CONTROL BOARD
SOLID WASTE PERMIT
Modification Number 1

CLASS V LANDFILL

Pursuant to the provisions of the *Utah Solid and Hazardous Waste Act*, Title 19, Chapter 6, Utah Code Annotated (UCA) 1953, as amended (the Act) and the *Utah Solid Waste Permitting and Management Rules*, Utah Administrative Code (UAC) R315-301 through 320 adopted thereunder,

Contract Environmental Services, Inc.

is hereby authorized to construct and operate the Contract Environmental Services Asbestos landfill located in NE 1/4 of Section 18, Township 39 South, Range 26 East, Salt Lake Base and Meridian, San Juan County, Utah as shown in the permit application that was determined complete on December 30, 2004 and original permit was signed by the Executive Secretary on February 16, 2005.

The operation of the landfill is subject to the condition that Contract Environmental Services, Inc.(Permittee) meet the requirements set forth herein.

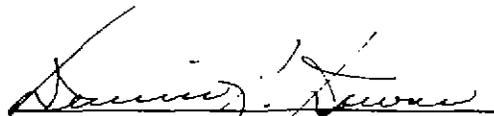
All references to UAC R315-301 through 320 are to regulations that are in effect on the date that this permit becomes effective.

This permit modification shall become effective August 22, 2005.

This modified permit shall expire at midnight February 28, 2010.

Sections of this permit that are affected by this modification are: Facility description (page 2); and Sections IA, IB, IC, IIC, IIE, IIH, IIIA, and Attachment 1.

Modification Signed this 22 day of August, 2005.



Dennis R. Downs, Executive Secretary
Utah Solid and Hazardous Waste Control Board

PERMIT REQUIREMENTS

LANDFILL NAME: Contract Environmental Services Asbestos Class V Landfill

OWNER NAME: Contract Environmental Services, Inc.

OWNER ADDRESS: 410 North Auburn Avenue
Farmington New Mexico 87401

OWNER PHONE NO.: 505-325-1198

OPERATOR NAME: Same as Owner

TYPE OF PERMIT: Class V Landfill

PERMIT NUMBER: 0405M1

LOCATION: Landfill site is located in Township 39 South, Range 26 East,
Section 18, SLMB; San Juan County, Lat. 37° 23' 47.22", Long.
109° 05' 44.76"

Permit as used in this document is defined in Utah Administrative Code (UAC) R315-301-2(55).

The application as deemed complete on December 30, 2004 is hereby approved and is incorporated by reference into this Solid Waste Permit. All representations made in the permit application are part of this permit and are enforceable under UAC 315-301-5(2). The permit application will become part of the operating record of the Landfill. Where differences in wording exist between this permit and the application, the wording of the permit supersedes that of the application.

The facility as described in this permit and the permit application consists of a gate house and separate disposal cells for asbestos and construction and demolition waste.

By this permit to own and operate, the Permittee is subject to the following conditions.

I. GENERAL COMPLIANCE RESPONSIBILITIES

A. General Operation

The permit is for a Class V landfill, and meets the siting requirements for this class, but limits the acceptable waste to a restricted waste stream as found in

section IB of this permit. Due to the restricted waste stream, the Permittee shall design, operate, and close the landfill in accordance with all applicable requirements of UAC R315-305, for a Class VI landfill, that are in effect as of the date of this permit and the more restrictive standards contained in this permit (See Statement of Basis in Attachment I for justification for the Contract Environmental Class V landfill being held to the requirements of a Class VI landfill). Any permit noncompliance or other noncompliance constitutes a violation of UAC R315-305 or this permit and is grounds for appropriate enforcement action, permit revocation, modification, or denial of a permit application.

B. Acceptable Waste

This permit is for the disposal of non-hazardous solid waste and is further limited to asbestos contaminated waste and construction and demolition (C/D) waste only. Separate disposal cells shall be maintained for the disposal of C/D waste and asbestos waste. All waste placed in the asbestos cell shall be considered to be asbestos waste.

C. Prohibited Waste

No hazardous waste as defined by UAC R315-1 and R315-2 or no waste other than asbestos containing waste and C/D waste as allowed in section IB of this permit. No asbestos waste may be placed in the C/D cell.

D. Inspections and Inspection Access

The Permittee shall allow the Executive Secretary of the Utah Solid and Hazardous Waste Control Board or an authorized representative of the Board, including representatives from the Southeastern Utah District Health Department, to enter at reasonable times and:

1. Inspect the landfill or other premises, practices or operations regulated or required under the terms and conditions of this Permit or UAC R315-301 through 320;
2. Have access to and copy any records required to be kept under the terms and conditions of the Permit or UAC R315-301 through 320;
3. Inspect any loads of waste, treatment facilities or processes, pollution management facilities or processes, or control facilities or processes required under the Permit or regulated under UAC R315-301 through 320; and

4. Create a record of any inspection by photographic, videotape, electronic, or any other reasonable means.

E. Noncompliance

If monitoring, inspection, or testing indicates that any permit condition or any applicable rule under UAC R315-301 through 320 may be or is being violated, the Permittee shall promptly make corrections to the operation or other activities to bring the facility into compliance with all permit conditions or rules. In the event of any noncompliance with any permit condition or violation of an applicable rule, the Permittee shall promptly take any feasible action reasonably necessary to correct the noncompliance or violation and mitigate any risk to the human health or the environment. Actions may include eliminating the activity causing the noncompliance or violation and containment of any waste or contamination using barriers or access restrictions, placing of warning signs, or permanently closing areas of the facility. The Permittee shall: document the noncompliance or violation in the operating record, on the day the event occurred or the day it was discovered; notify the Executive Secretary of the Solid and Hazardous Waste Control Board within 24 hours, or the next business day following documentation of the event; and give written notice of the noncompliance or violation and measures taken to protect public health and the environment within seven days of Executive Secretary notification. Within thirty days of the documentation of the event, the Permittee shall submit, to the Executive Secretary, a written report describing the nature and extent of the noncompliance or violation and the remedial measures taken or to be taken to protect human health and the environment and to eliminate the noncompliance or violation. Upon receipt and review of the assessment report, the Executive Secretary may order the Permittee to perform appropriate remedial measures including development of a site remediation plan for approval by the Executive Secretary.

In an enforcement action, the Permittee may not claim as a defense that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with UAC R315-301 through 320 and this permit.

Compliance with the terms of this permit does not constitute a defense to actions brought under any other local, State, or Federal laws. This permit does not exempt the Permittee from obtaining any other local, State or Federal permits or approvals.

The issuance of this Permit does not convey any property rights, other than the rights inherent in this permit, in either real or personal property, or any exclusive privileges nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations including zoning ordinances.

The provisions of this Permit are severable. If any provision of this Permit shall be held invalid for any reason, the remaining provisions shall remain in full force and effect. If the application of any provision of this Permit to any circumstance is held invalid, its application to other circumstances shall not be affected.

F. Revocation

This permit is subject to revocation if any condition of The Permit is not being met. The Permittee will be notified in writing prior to any proposed revocation action and such action will be subject to all applicable hearing procedures established under UAC R315-12 and the *Utah Administrative Procedures Act*.

Revocation of this permit does not revoke the financial assurance established for closure and post-closure care of the facility, nor remove any responsibility on the part of the Permittee for completion of closure and post-closure care for the facility required in UAC R315-302-3.

G. Attachment Incorporation

Attachments incorporated by reference are enforceable conditions of this permit, as are documents incorporated by reference into the attachments. Language in this permit supercedes any conflicting language in the attachments or documents incorporated into the attachments.

II. DESIGN AND CONSTRUCTION

A. Design and Construction

The Permittee shall construct the landfill cells, run-on and run-off diversion systems, and the final cover in accordance with the plans presented in the permit application and the Utah Solid Waste Permitting and Management Rules (UAC R315-301 thru 320). Separate disposal cells shall be constructed for C/D waste and for asbestos waste. All waste placed in the asbestos cell shall be considered to be asbestos-containing waste and must be handled as such. If ground water is encountered during excavation of the landfill, the Executive Secretary shall be notified immediately, and a contingency plan implemented or alternative construction design developed and submitted for approval.

The Permittee shall notify the Executive Secretary upon completion of construction of any landfill cells, or run-on and run-off diversion systems. No landfill cell or run-on and run-off diversion system may be used until

documentation of construction is submitted and construction is approved by the Executive Secretary.

The Permittee shall notify the Executive Secretary of the completion of construction of any final cover system and shall provide all necessary documentation and shall apply for approval of the construction from the Executive Secretary.

All engineering drawings submitted to the Executive Secretary must be stamped and approved by a professional engineer with a current registration in Utah.

B. Run-On Control

Drainage channels and diversions shall be constructed as specified in the permit application and maintained at all times to effectively prevent runoff from the surrounding area from entering the landfill.

III. LANDFILL OPERATION

A. Operations Plan

The Operations Plan included in the permit application and the solid waste permit issued by the Executive Secretary shall be kept onsite at the landfill. The landfill shall be operated in accordance with the operations plan as included in the permit application. If necessary, the facility owner may modify the Operations Plan, provided that the modification meets all of the requirements of UAC R315-301 through 320, is as protective of human health and the environment as that approved in the permit application, and is approved by the Executive Secretary as a minor modification under UAC R315-311-2(1)(a)(xiii). Any modification to the Operations Plan shall be noted in the operating record.

Any modification to the operations plan must be submitted to the Executive Secretary for approval and is considered a minor permit modification in compliance with UAC R315-311-2(1)(a)(xiii) unless the Executive Secretary determines the change should be subject to public comment under UAC R315-311-2(1)(a)(xviii).

B. Security

The Permittee shall operate the Landfill so that unauthorized entry to the facility is prevented. All facility gates and other access routes shall be locked during the time the landfill is not open. At least one person, employed by the Contract

Environmental Services, Inc., shall be at the landfill during all hours that the landfill is open. Fencing and any other access controls as shown in the permit application shall be constructed to prevent access of persons or livestock by other routes.

C. Training

Permittee shall provide training for on-site personnel in landfill operation, including waste load inspection, hazardous waste identification, and personal safety and protection.

D. Burning of Waste

Intentional burning of solid waste is prohibited and is a violation of UAC R315-303-4(2)(b).

E. Cover

The solid waste received at the asbestos cell shall be completely covered at the end of each working day with a minimum of six inches of earthen material. Any waste disposed in the asbestos cell is considered to be asbestos-containing waste and must be covered by the end of the day the waste was disposed.

For disposal cells containing C/D waste only, the Permittee shall cover the waste periodically to prevent fires and to control vectors, blowing litter, odor, scavenging, and fugitive dust. Cover shall be provided no less than monthly.

At the end of the operating day when cover is applied, the amount of cover placed and the area receiving cover shall be recorded in the operating record and certified by the operator for both C/D and asbestos disposal cells.

F. Waste Inspections

The Permittee shall visually inspect incoming waste loads to verify that no wastes other than those allowed by this permit are disposed in the landfill.

All loads that the operator suspects may contain a waste not allowed for disposal at the landfill will be inspected.

G. Self Inspections

The Permittee shall inspect the facility to prevent malfunctions and deterioration, operator errors, and discharges that may cause or lead to the release of wastes or

contaminated materials to the environment or create a threat to human health. These general inspections shall be completed no less than quarterly and shall cover the following areas: Waste placement, compaction, and cover; fences and access controls; roads; run-on/run-off controls; litter controls; and records. A record of the inspections shall be placed in the daily operating record on the day of the inspection. Areas needing correction, as noted on the inspection report, shall be corrected. The corrective actions shall be documented in the daily operating record.

H. Recordkeeping

The Permittee shall maintain and keep on file at Contract Environmental Services, Inc. offices in Farmington New Mexico, a daily operating record and other general records of landfill operation as required by UAC R315-302-2(3). Upon notification of an inspection, the records maintained in the Farmington, New Mexico office shall be moved to the landfill site to be available at the time of the inspection.

The daily operating record shall include the following items:

1. The number of loads of waste and the weights or estimates of weights or volume of waste received each day of operation and recorded at the end of each operating day;
2. Major deviations from the approved plan of operation recorded at the end of the operating day the deviation occurred;
3. Results of other monitoring required by this permit recorded in the operating record on the day of the event or the day the information is received;
4. Records of all inspections conducted by the Permittee, results of the inspections, and corrective actions taken shall be recorded in the record on the day of the event.

The general record of landfill operations shall include the following items:

1. A copy of The Permit including the permit application;
2. Results of inspections conducted by representatives of the Utah Solid and Hazardous Waste Control Board and/or representatives of the Southeastern Utah District Health Department, when forwarded to the Permittee;
3. Closure and Post-closure care plans; and

4. Records of employee training.

I. Reporting

The Permittee shall prepare and submit, to the Executive Secretary, an Annual Report as required in UAC R315-302-2(4). The Annual Report shall include: the period covered by the report, the annual quantity of waste received, an annual update of the financial assurance mechanism, and all training programs completed.

J. Roads

All access roads, within the landfill boundary, used for transporting waste to the landfill for disposal shall be improved and maintained as necessary to assure safe and reliable all-weather access to the disposal area.

IV. CLOSURE REQUIREMENTS

A. Closure

Final cover of the landfill shall be as shown in the permit application. A quality assurance plan for construction of the final landfill cover shall be submitted to, and approval of the plan must be received from the Executive Secretary prior to construction of any part of the final cover at the landfill.

B. Title Recording

The Permittee shall also meet the requirements of UAC R315-302-2(6) by recording with the San Juan County Recorder as part of the record of title that the property has been used as a landfill.

C. Post-Closure Care

Post-closure care at the closed landfill shall be done in accordance with the Post-Closure Care Plan contained in the permit application. Post-closure care shall continue until all waste disposal sites at the landfill have stabilized and the finding of UAC R315-302-3(7)(c) is made.

D. Financial Assurance

A financial assurance mechanism covering closure and post-closure care costs shall be proposed by the Permittee and approved by the Executive Secretary. The

approved mechanism shall be established by the Permittee prior to receipt of waste. An annual revision of closure costs and financial assurance funding shall be submitted to the Executive Secretary as part of the annual report. The financial assurance fund shall be adequately funded to provide for the cost of closure at any stage or phase or anytime during the life of the landfill, and must be fully funded within five years of the date waste is first received at the landfill. If a trust fund is chosen as the financial assurance method the first payment to the fund will be 20% of the estimated closure and post-closure care costs. If a trust fund is used, annual payments shall be determined by the following formula:

$$NP=[CE-CV]/Y$$

where NP is the next payment, CE is the current cost estimate for closure and post-closure care (updated for inflation or other changes), CV is the current value of the trust fund, and Y is the number of years remaining in the pay-in period.

The Permittee shall notify the Executive Secretary of the establishment of the approved financial assurance mechanism and must receive acknowledgment from the Executive Secretary that the established mechanism complies with the approved method.

E. Financial Assurance Annual Update

An annual revision of closure costs and financial assurance funding as, required by R315-309-2(2), shall be submitted to the Executive Secretary as part of the annual report.

V. ADMINISTRATIVE REQUIREMENTS

A. Permit Modification

Modifications to this permit may be made upon application by the Permittee or by the Executive Secretary. The Permittee will be given written notice of any permit modification initiated by the Executive Secretary.

B. Permit Transfer

This permit may be transferred to a new permittee or new permittees by meeting the requirements of the permit transfer provisions of UAC R315-310-10.

C. Expansion

This permit is for a Class V Landfill accepting asbestos waste only and operating according to the design and Operation Plan described and explained in the permit application. Any expansion of the current footprint designated in the description contained in the permit application, but within the property boundaries designated in the permit application, will require submittal of plans and specifications to the Executive Secretary. The plans and specifications must be approved by the Executive Secretary prior to construction.

Any expansion of the landfill facility beyond the property boundaries designated in the description contained in the permit application will require submittal of a new permit application in accordance with the requirements of UAC R315-310 and UCA 19-6-108(1)(d) including all approvals required in UCA 19-6-108.

Any expansion of the waste accepted at the landfill facility beyond the approved asbestos waste will require submittal of a new permit application and is subject to the requirement of UAC R315-301 through 320 for a new landfill application and the requirements of UCA 19-6-108 for a new landfill application.

D. Expiration

This permit shall expire five years from the effective date which is the date shown on the signature (first) page of this permit. Application for permit renewal shall be made at least 180 days prior to the expiration of this permit. If a timely application is made and the permit renewal is not complete by the expiration date, this permit will continue in force until renewal is completed or denied.

E. Status Notification

Eighteen months from the date of this permit the Executive Secretary shall be notified in writing of the status of the construction of this facility unless construction is complete and operation has commenced. If construction has not begun within 18 months the Permittee will submit adequate justification to the Executive Secretary as to the reasons that construction has not commenced. If no submission is made or the submission is judged inadequate by the Executive Secretary, this permit will be revoked

F. Construction Approval and Request to Operate

The Permittee shall meet each of the following conditions prior to receipt of waste:

1. The Permittee shall notify the Executive Secretary, prior to acceptance of waste, that all the requirements of this permit have been met and all required facilities, structures and accounts are in place as required.

2. The Permittee shall submit to the Executive Secretary, for approval, documentation that all local zoning requirements and local government approvals have been obtained for operation of this landfill.
3. The Permittee shall submit to the Executive Secretary, prior to the construction of any portion of the landfill, including offices, fences, and gates, documentation that the Permittee owns or has a lease that allows this property to be used as a landfill.
4. The Permittee shall obtain from the Executive Secretary written approval, prior to receipt of waste, that all information required by this section has been submitted and the information meets the requirements of this permit and R315-301 through 320.
5. The Permittee shall notify the Executive Secretary when the requirements for approval of the Governor and Legislative in UCA 19-6-108(3)(c) have been met. No construction may be commenced on the facility until the Executive secretary has received notice of Governor and Legislative approval and acknowledged receipt to the Permittee.

Attachment 1

**UTAH DIVISION OF SOLID AND HAZARDOUS WASTE
LANDFILL PERMIT
STATEMENT OF BASIS FOR ASBESTOS CELL**

Owner: Contract Environmental Services, Inc.

Landfill Class: V - Commercial Nonhazardous Solid Waste Disposal Facility

Waste Accepted: Asbestos Containing Waste (Friable Asbestos), Construction and Demolition Waste

Basis for Permit Class and Requirements:

Friable asbestos waste is the result of work conducted by licensed asbestos abatement contractors. The potential health effects come from asbestos fibers entering the lungs. Asbestos abatement contractors are required to contain these fibers in double bags. Air is removed from the bag and subsequently sealed. The bag is then put in another bag from which the air is also removed and again sealed. These bags are transported in trucks that are lined and covered. Upon arrival at the disposal site, the bags are placed in the landfill disposal cell and are covered. Bags cannot be broken and the landfill cannot use compaction equipment on the waste. Bags are placed in the disposal cell by hand or with a small piece of equipment and every effort is made to maintain the integrity of the bags. Asbestos disposal facilities are required to fence the asbestos disposal cell and to place signs warning that friable asbestos has been disposed at the site.

Friable asbestos is a solid waste and is classified as a special waste requiring special handling under Utah Administrative Code (UAC) R315-315. Because of the special handling requirements that are required, material containing asbestos is specifically excluded from the definition of construction and demolition (C/D) waste and therefore is not to be disposed in a C/D landfill. Once the friable asbestos is placed in a disposal cell and covered, eliminating any human exposure opportunities, the health risk is extremely low. Friable asbestos is an appropriate waste for disposal in Class I, II, III or V landfills where proper operational procedures are detailed in the permit and are to be followed by the landfill operator.

Disposal of C/D waste is compatible with the disposal of asbestos containing waste. These waste have been shown to present little potential for contamination of ground water and will not present any litter potential. The one difference between an asbestos disposal cell and a C/D disposal cell is that the asbestos cell requires daily cover while the C/D cell requires monthly cover.

Specific Requirements for Contract Environmental Class V Asbestos Monofill

Contract Environmental Services, Inc. has proposed the construction and operation of a landfill cell to take material resulting from the abatement of structures containing friable asbestos and a landfill cell to take C/D waste. Because Contract Environmental Services, Inc. intends to operate the facility for a profit and receive asbestos-containing waste, the only landfill class that would apply is a Class V landfill. However, most of the siting, operation, monitoring and closure requirements that apply to a Class V landfill are not necessary for the limited type of waste to be disposed by Contract Environmental Services.

To provide the appropriate level of regulatory oversight and protection of public health and the environment while not placing unnecessary restrictions on the facility, a combination of requirements from the rules covering Class V and Class VI landfills has been used to permit the facility.

The siting criteria that are most appropriate for the level of risk posed by the facility are those for a Class VI landfill (commercial C/D) that takes dead animals. These siting criteria provide the necessary protection for

public health and the environment through setback distances from buildings and other areas occupied by people as well as floodplain and wetlands preservation.

Additionally, operational requirements regarding the disposal of friable asbestos are also addressed by rules administered by the Utah Division of Air Quality. Inspection of the waste at the landfill is to be performed without opening the bags and the subsequent disposal is to be done without compaction or breaking the sealed bags. Proper soil or an alternative cover must be applied over the asbestos waste each day. Proper signs and fencing must be in place and maintained.

Inspections of the site along with closure and post-closure care are to be conducted in accordance with the requirements for a Class VI landfill found in UAC R315-305.

File: contract environmental - Permit #0405M

3

Asbestos Building Materials and Construction/Demolition Landfill (Renewal Application for Permit Number 0405M1)

Narrative

Contract Environmental Services, Inc. (CESI) currently operates a 160 acre Asbestos and Construction/Demolition Landfill (Permit Number 0405M1) and Oilfield Exploration & Production Waste Soil Landfarm Facility in Northeast Quarter, Section 18, Township 39 South, Range 26 East, San Juan County, Utah. CESI is currently permitted for Class V landfill through the Division of Solid Hazardous Waste (DSHW) in 2005. The facility was also opened in 1999 and is permitted for landfarm through the State of Utah, Division of Oil, Gas and Mining (DOGGM). Additionally, CESI is permitted from the DSHW to accept underground storage tank waste soil for recycling in 2004 that are used as cover material for the Asbestos and C/D Landfill. (Attachment A: Other Existing Permits)

The facility is currently permitted and operating to accept Asbestos debris, C/D debris, Oilfield Waste, and UST Waste Soil in this 160 acre property. Property is built and maintained through the previous approved permits including following features;

- 1) A four foot dike around the perimeter
- 2) Barbwire fence around the perimeter
- 3) Locked gates at the entrance
- 4) Controlled access – one point
- 5) Sign with operators name and emergency phone number
- 6) Sparsely populated area – no one located within one mile
- 7) Estimated 1,100' to groundwater
- 8) Relatively flat property with only grazing on adjacent property
- 9) Clay sand natural barrier to leaching
- 10) Not visible from highway
- 11) All weather road leading to the facility form pavement
- 12) Internal road system complete
- 13) Privately owned property
- 14) *Managed and operated by an environmental consulting firm*
- 15) Approved for operation since 1999
- 16) Bonds in place – financial assurance active
- 17) Record keeping history – manifests

The permitted property (160 acres) still has plenty of room for the operation. For the past 4 years, CESI has filled less than 5 acres in the east 80 acres and, yet, no E&P or UST Waste Soil has been placed on the entire west 80 acres of 160 permitted acres.

The nearest small community is Aneth, Utah to the south some 20 miles, Montezuma Creek and White Mesa communities are located to the southwest some 30 miles from the Landfill site. The nearest sizeable community with standard services, is Blanding, Utah at 38 miles and Cortez, Colorado to the east and south at 41 miles.

The Landfarm and Landfill operators are trained appropriately well in Asbestos including certificates in Asbestos Contractor / Supervisor. Also, the manager is trained in asbestos to include certificates in Asbestos Inspection, Asbestos Management Planner, Asbestos Contractor / Supervisor, Hazardous Waste Operations and Emergency Response and others. (Attachment B: Accreditation of CESI Members)

Within the remediated sections of the Landfarm, CESI has excavated approximately 3 acres of the working face of the asbestos and 2 acres of C/D landfill in section (cell) number 10, 11 and 15 with the depth of approximately 10' for the Asbestos and C/D debris to be deposited. CESI has been applying up to 12" of soil to cover all plastic bags of asbestos within 24 hours and C/D debris within 30 days that were deposited in the sections. Furthermore, CESI has been putting another 12" of soil on a part of section to close, however, sections (cells) yet has not been filled completely. CESI will continue to put 12" of additional soil as sections complete to fill for closing. Seeding and watering would be completed until a crop is sufficiently established in each section.

CESI landfill manifest has been completed and maintained as loads arrived at the landfill. All the record has been filed and kept in the main office of CESI located in 925 S. Broadway, Suite 251, Cortez, CO 81321. Quarterly report has been reported to DSHW with fee payments every 3 months including date of arrivals and amounts, as well as annual reports. (Attachment C: CESI Waste Manifests)

CESI has been operating the landfill Monday through Friday 8:00am to 5:00pm and closed on weekends and holidays. CESI has at least one employee during the operation hours and additional employee for safety and assistance matters. Each employee is provided cellular phone services for communication and emergency contacts.

The price charged continues to be based on \$30.00 per cubic yard which calculated based on the containers that are delivered to the facility.

CESI has submitted five Asbestos Surveys in the Four Corners area as evidence of proven market at the initial permit application in 2004. Additionally, we are currently in process of Asbestos Abatement projects for Aneth Gas Plant, Navajo Housing Authority, Grand Junction, Shiprock, Tuba City, Many Farms, Salmon Ruin, and several others as well as over 30 customers around the area since 2005. It

continues to appear that there is a great need for this type of facility in the Four Corners area to benefit public that includes less transportation spending to remove asbestos from the environment.

Furthermore, CESI continues to benefit to place asbestos-containing materials removed from the populated areas to a remote, isolated area. For additional benefit, CESI continues to create more job opportunities in the area.

CESI has operated the Oil & Gas Landfarm since 1999 and Class V Landfill since 2005. During these years, CESI has not received any Notice of Violation or warnings or adverse observation from DOGM nor DSHW staff. The permitted facility has been inspected several times visually each year by DOGM staff and a few times by DSHW staff in the past. (Attachment D: Inspection Reports) CESI has put effort to improve each inspection and will continue to improve the facility and operations. In addition, CESI has excellent documentations and record keeping during operations. CESI will continue to put our best effort to upgrade our quality of operations in the future.

4

Required Submittals
Landfill Requirements

R315-302. Solid Waste Facility Location Standards

It is more than 5,000 feet to Hovenweep Monument from the permitted landfill facility. There are no known natural areas, wildlife management areas or habitat for threatened or endangered species designated to the Endangered Species Act of 1982. There is no "prime or unique" farmland in the immediate area considered by the US Department of Agriculture Soil Conservation Services. The surrounding area is primarily grazing. It is more than one mile to any existing permanent dwellings in any direction. There are no schools, churches, nor other incompatible structures in the area. There are no historic structures within the State or National Register within one mile. It is more than 30 miles to the nearest airport from the permitted landfill. There are no archeological sites that would violate section 9-8-404.

R315-302-1.

It is more than a mile from the most eastern portion of the permitted property to Hovenweep Monument to the east. *The permitted property starts at this point and moves further westward from the monument.* The furthest point of the permitted property is more than 1.5 miles from the Hovenweep Monument. There is no state and county parks, recreation areas, wilderness nor wilderness study areas; nor wild and scenic areas within this same 1,000' range of the permitted property. Adjacent areas are grazing with sagebrush and native grasses.

There are no existing permanent dwellings, residential areas, school nor churches within a ¼ mile of the permitted property. There are no historic structures listed within the state or National Register of Historic Places within a ¼ mile of the permitted property.

There is no airport within 10,000' of the permitted property. There are no archaeological sites of significance within a ¼ mile of the permitted property.

The permitted property is not a part of subsidence area, a dam failure flood area, above an underground mine, salt dome, above a salt bed nor other geologic structure that could compromise the structural integrity of the facility. There are no known faults in the area of the permitted facility. The facility is not located in seismic impact zone or unstable area.

The permitted property is not located in public land. The permitted property is not in a location that could cause contamination to a lake, reservoir or pond. The existing property is not a floodplain or wetlands.

Depth to groundwater at the permitted property is estimated at 1,100' below ground level. CESI is not required to install a liner for the landfill cells in previous permits. The clay-sand is such a fine-grained material it forms an impermeable layer that would cause auger refusal. CESI has claimed and permitted from groundwater monitoring for the permitted property in reference to R315-302-1-2 at the end where it states "where there is a natural impermeable barrier above groundwater, or where there is no groundwater; Executive Secretary may exempt the disposal site, on a site specific basis, from some design criteria and groundwater monitoring."

R315-302-2.

The submitted plan of operation was approved by the State of Utah on June 25th, 2004 for the Recycled Soil. CESI has reported annual report and quarterly report that include quantities in cubic yards of asbestos debris and C/D debris with appropriate fee payments. Site inspection records have been kept at the facility, as well. Furthermore, CESI facility was recently inspected by the DSHW staff member on April 1st, 2009 to determine compliance with Utah Solid Waste Permitting and Management Rules. (Attachment D: Inspection Reports)

The site inspections cover soil conditions overlying debris affected by wind, water, or rodents. Also they would cover water visible at working face of landfill. Other details are inspected as well. (Attachment E: Landfill Site Inspection Form)

With asbestos, there are no explosive gas emissions. CESI has not and will not cause violation to ambient air quality on the property due to landfill gases, combustion or other emissions.

Contingency Plan

Since there are no explosive gases possible at this facility, CESI addresses the failure of run-off containment system.

CESI will most often be making observations each month during activities at the landfill or for other reasons will be on site. If the run-off containment system (i.e. 4' dike) fails, it will be noticed on the next site visit. The only two (2) areas of possible dike breach would be at midpoint of the east 80 acres on the south end. When a breach of containment occurs on the west side of the east 80 acres, it merely travels to the west 80 acres and must completely cross the west 80 acres before leaving the facility. If a breach occurs on the south end of the east 80 acres, it could leave the facility area and travel to adjacent land owner.

If a breach in containment occurs and there is evidence of material leaving the facility, CESI would immediately repair the dike breach with a front loader, road grader, or backhoe and compact the

replaced earth with equipment tires. Then CESI would travel to the adjacent property and carry any soil that has traveled to the property and return it to within the facility dike area. Depending on the severity reseeding may be completed to again establish vegetation if it was present before. The owner of the property would be notified and samples of the soil would be gathered to prove no contaminated soil remained on the adjacent property. A report would be prepared and issued to DOGM, DSHW and the landowner if necessary. CESI would perform other steps if necessary to remedy the situation in accordance with DOGM and DSHW.

If the fencing was damaged in the same event, CESI would repair or replace the fencing to match prior to the incident. CESI would bear the cost of soil transfer and fencing repair as necessary.

However, since CESI facility was opened in 1999, such incident, yet, had never been taken a place.

CESI has not and will not cause a violation of Utah Pollution Discharge Elimination System for surface run-off, leachate or any liquid associated with the facility. If the facility experienced any discharge it would be in compliance with the Clean Water Act.

Any duly authorized officer or Executive Secretary may anytime enter the solid waste facility and inspect the property, records, activities or practices.

R315-302-3.

CESI has been kept Landfarm Bond and Landfill Bond (Letter of Credit) that were held by the State of Utah. (DOGM and DSHW) Furthermore, CESI has upgraded and maintained the Pollution Liability Insurance currently in place since the existing facility opened in 1999. (Attachment F: Financial Assurance)

CESI has been reporting quarterly report and annual report for Asbestos and C/D with total volume in cubic yards received for those periods. Records are also filed and kept in CESI main office with waste manifests.

Closure

A layer will be placed to minimize infiltration of at least 18 inches of soil graded to no more than 2%. A layer on top to minimize erosion able to sustain vegetative growth and seeded with grass or other shallow rooted vegetation. This layer will allow protection from wind and water erosion.

Fencing is already completed and maintained from the previous approvals at the property boundary with the 4' dike to impede entry by the public or large animals. A lockable gate is also in place at the facility.

Closure Plan

Daily cover over the asbestos and C/D material will be 6" – 12". This material will be compacted with equipment tires. Daily cover material may be remediated Oil & Gas soil, remediated UST soil or virgin soil as needed. The landfill will be closed in phases. It will be our goal to close each landfill cell as it is filled instead of waiting to the end of the landfill life. As we have stated the working face of the landfill will be approximately fifty (50') foot wide. The landfill cell may run continuously crossing internal roads and/or landfarm cells previously established. The final cover will be an additional 12" - 18" of fill material compacted with equipment tires. Finally, approximately 6" of topsoil will be placed uncompacted over the area. Leveling and seeding will then take place with a seed mix. The seed mix will be drilled into the surface soils to establish a vegetative cover. When closure is complete, we should have at least 18" of compacted fill covered by at least 6" of topsoil that has been seeded. It is our plan to have the landfill cell closed or ready for closure within a 200' distance of working face. Therefore only a small portion of the landfill cell will have daily cover only over deposited waste debris.

Our projections show that of the 18 landfarm cells in the first 80 acres we could develop 9 miles of 50' wide landfill cell. If both 80 acres are fully utilized, it could develop 18 miles of 50' wide landfill cell.

Total area requiring cover, final cover, topsoil and seeding could be a maximum of 109 acres if both 80 acre pieces are utilized. CESI does not believe there will be this kind of demand for asbestos and C/D disposal for next 10 years. CESI has filled approximately one (1) landfarm cell or less from the past 5 year experiences. (Approximately 3 acres) Therefore, CESI is projecting to fill total of three (3) landfarm cells in next 10 years. (Approximately 9 acres)

Total Quantity of Waste would hold in the facility

18 miles of fifty (50') foot trench 7.5' tall = 35,640,000 ft³
= 1,320,000 cubic yards
= 12,110 of the largest (53') truck trailers

The first 80 acres alone would be = 17,820,000 ft³
= 660,000 cubic yards
= 6,055 of the largest (53') truck trailers

Total Quantity of Waste received during the initial permit in 2005 = 29,155 cubic yards
(Approximately 3 acres as of 2nd QTR 2009)

Final cover will be installed using a front loader. Since asbestos and C/D debris will be compress differently in different places, the loader operator will have the job of covering the waste evenly. When final cover completes, section should end up with at least 18" compacted soil and 6" of soil to support

the vegetative cover. QA/QC will be periodically measured across the landfill cell as necessary. CESI will utilize a third party for the testing.

A tractor will be used to establish seedbed preparation (if necessary) and seeds will be placed by a seed drill behind the tractor or broadcasting. CESI will utilize shallow-rooted plants for the vegetative cover perhaps grass seed. CESI will use a P.E. registered in Utah to certify closure was done in accordance with the closure plan. This may take place for each 80 acres instead of in phases as necessary.

CESI will file a plat with the County within sixty (60) days following certification of closure.

When closed, the permitted property will be done in a manner that minimizes further maintenance and continues to eliminate threats to human health and environment. Notification of closure will be made 30 days prior to projected final receipt of waste. Closure activities will be completed within 180 days from initialization. Post closure activities for facility maintenance of land will continue for 30 years beyond closure date or until stabilization is confirmed if sooner.

Post Closure Plan

When the Executive Secretary approves the closure, the *Post Closure Plan* activities will begin. Maintenance will consist of quarterly walking through the landfill cell areas and monitoring for established vegetation and erosion from wind or water. Areas found to be deficient will be corrected using a front loader for wind or soil erosion and broadcasting or drilling seed if vegetation is missing. CESI will establish reseeded to the level found in the surrounding acreage or better. Deficiencies will be corrected within the next thirty (30) days following the inspection – depending on severity.

At this point there are no plans to utilize the property during Post Closure. CESI reserves the right to make amendments to this as necessary. Post Closure monitoring reports will be kept at the CESI main office and CESI will provide the name, address, and phone of the person responsible when Post Closure is initiated. Annual reports will be provided and following completion of the Post Closure period. A P.E. licensed in Utah will certify the Post Closure activities were conducted in accordance with this plan. Post Closure documentation will be placed in the operating record and forwarded to the Executive Secretary.

R315-303-2. Standards for Performance

CESI has not and will not contaminate the groundwater underlying the facility. Asbestos is an inert object, it does not leach into the substrate. It is at least 1,100' to groundwater if it does exist below the site.

R315-303-3 Standard for Design

CESI has and will prohibit disposal of containerized liquids, non-containerized liquids, sludge with free liquids or any waste containing free liquids in containers.

The landfill is already designed and constructed to prevent run-on water due to 4' dike that completely surrounds the facility prior to the previous permits. The existing facility collects all surface water runoff and keeps it on the property.

The four foot (4) dike completely surrounds the facility and the asbestos and C/D landfill will be completely contained within the dike at all time. CESI maintains the dike to be at least four (4') feet high in all places and believes that is sufficient in height to prevent a 25 year storm event. Each year a road grader is used to correct any wind or water erosion that might affect the dike. The surface area is essentially flat with approximately twenty (20') feet of elevation change over ¼ to ½ miles. There are no sharp arroyos or areas of erosional scarring found within the proposed site. The asbestos and C/D landfill area is excavated to a depth of approximately ten (10') feet below grade.

Estimation of Runoff – the rational formula for quantity of storm water runoff is the following:

$$Q = CIA$$

Where Q = the peak runoff from rainfall, ft³/sec

Where C = runoff coefficient (no units)

Where I = rainfall intensity, inches rain / hour

Where A = drainage area acres

$$= 0.050 (2.0 \text{ inches/hr})(80 \text{ acres})$$

$$= 80 \frac{(\text{acre} \times \text{in})}{\text{Hour}} \times \frac{(1 \text{ hour})}{3600 \text{ s}} \times \frac{(1 \text{ ft})}{12 \text{ in.}} \times \frac{(43,560 \text{ ft}^2)}{1 \text{ acre}}$$

$$= 80.7 \text{ ft}^3/\text{s}$$

$$= \frac{(80.7 \text{ ft}^3)}{1 \text{ sec}} \times \frac{(60 \text{ sec})}{1 \text{ min}} \times \frac{(60 \text{ min})}{1 \text{ hour}} \times \frac{(24 \text{ hrs})}{1 \text{ day}} = 6,972,480 \text{ ft}^3 / \text{day}$$

Berm 4' tall over 80 acres holds

$$43,360 \text{ ft}^2 (80 \text{ acres}) = 3,484,800 \text{ ft}^2 \times (4\text{ft deep}) = 13,939,200 \text{ ft}^3 \text{ capacity}$$

According to these calculations, the four (4') foot dike on level ground would hold approximately double the thunderstorm event on a 25 year 24 hour storm dropping 2 inches of precipitation per hour. The estimation runoff formula was taken from the Handbook of Environmental Engineering Calculation by C. C. Lee and Shun Dar Lin 1999. The formula was found on Page 1.481 formula (7.12a). The coefficient of runoff value was taken from this same text page 1.482 Table 7.2 attached.

CESI has been permitted for UPDES Storm Water Discharge Permit (Permit Number UTR000713) by the State of Utah, Division of Water Quality. (Attachment A: Other Existing Permits)

CESI continues to request exemption from landfill liners on be half of the depth to groundwater (1,100') and the soil barrier naturally being clay sand. Below the clay sand is a caliche or bonded layer that would further prevent penetration from liquids. Auger refusal is often achieved in this zone. The silts and sands are very fine-grained and impermeable.

Climate Factors

Asbestos or solid waste constituents will not migrate above or below the first few feet of ground surfacing adjacent to placement much less the ground water far below. The asbestos and building material physical and chemical characteristic will remain very similar to the way they are received at the landfill since they will be double-bagged and have the air evacuated prior to burial. The bags should not become punctured even during burial. This area receives less than 25 inches of annual precipitation. No municipal waste will be accepted at the CESI facility.

R315-303-4. Standards for Maintenance and Operation

CESI continues to make effort to control fugitive dust generated from roads, construction and general operation. CESI continues to collect scattered litter as necessary. No scavenging will be allowed. Landfill personnel will be trained in asbestos management will be on site during the operation hours.

Daily cover of 6"-12" of soil will be placed within 24 hours of receipt for asbestos waste and within 30 days of receipt for C/D waste. The daily cover material may be remediated oil & gas, remediated UST soil or virgin soil from the property as needed. Testing will be completed to assure that remediated soil primarily is used. No recyclable containers will be placed at the facility for other wastes.

All asbestos loads will be inspected prior to placing in the landfill cell for disposal. Unacceptable loads will be rendered acceptable or returned to the sender. Asbestos manifest have a place to sign or initial for NO PCBs or hazardous waste. (Attachment C: CESI Waste Manifests)

R315-305-1.

This landfill is for Asbestos and C/D waste only. The CESI facility does not receive yard waste or dead animals.

R315-305-4.

CESI facility is not located in an area of floodplains or wetlands. It is currently designed and constructed to prevent run-on and run-off waters by means of continuous 4' dike around the original permitted acres, the part active at this time. CESI will continue to maintain all of the records in main office located at 925 S. Broadway, Suite 251, Cortez, CO 81321.

R315-305-5.

CESI does not accept any building material that is not known to contain asbestos unless it is affixed to Asbestos-Containing Building Materials that were inseparable in asbestos landfill cells.

At least one employee will be on site during hours of operation and shall prevent unauthorized disposal by controlling entry by use of barrier berm and locked gate. When the facility is closed, CESI will guarantee security with a lockable gate and barrier.

The minimum size of working face of the asbestos landfill cell will be fifty (50') feet. The length of the cell is continuous and may cross landfarm cells as needed. Emission is prevented by having a water tank and pressured water to expel on any load that emits emissions. However, since the waste arriving should be double-bagged and the container is also be lined with plastic, no emissions should be observed.

The facility has a dust control plan that includes applications of water and / or magnesium chloride to reduce or reduce or eliminate dust. Liquids are not expected at the CES facility with the exception of the water and wetting agents are applied to the asbestos as it is being removed. We do not however expect large amount of liquids. There should be not scattered litter associated with properly disposed asbestos building materials. When property contained, all asbestos building materials are surrounded by two poly bags to hold the waste. No scavenging will be allowed at anytime. Each day, asbestos containing building materials are covered with a minimum of 6" - 12" of soil prior to leaving the facility.

When the facility is ready for closing, the landfill cells previously dug approximately 10' deep will be leveled to extent practicable and the waste shall be covered with minimum of two (2') feet of soil

including six inches of top soil. Contouring the surface and seeding with grass will be accomplished, or use of other vegetation approved by the State of Utah to minimize erosion. CESI will periodically check status of the cover material and cover corp.

R315-309 Financial Assurance

For the financial assurance, CESI has already placed a letter of credit issued by Citizens Bank for the landfill, in addition to the Surety Bond with DOGM for the landfarm. (Attachment F: Financial Assurance) Calculation is defined in the following section of R315-310-4. CESI will notify and review the amount when the first 9 acres are closed. Furthermore, the property is covered by Insurance for General Liability, Pollution Liability, and Professional Liability with other coverage. (Attachment F: Financial Assurance)

R315-310-4.

Closure Cost and Cost Estimate Calculations (Total of 9 acres for 3 cells; cell #10, 11, and 15)

CESI would have a 50' wide Asbestos and C/D landfill cells and there would be 6 of these for each landfarm cell (440' x 440') with a space of 20' between each one. That translates to the following equation:

$$(50' \text{ wide}) (6 \text{ per LF cell}) (440' \text{ length per LF cell}) = 132,000 \text{ ft}^2$$
$$(132,000 \text{ ft}^2) / (43,560 \text{ ft}^2 \text{ per acre}) = 3.0 \text{ acres (each cell)}$$

Closure Care Steps

1. To place daily cover 6" – 12" approximately 132,000 ft² (3 acres) for each cell would take approximately 4 days with a loader. This activity is done in the normal daily operations.
2. To place final cover 12" – 18" approximately 132,000 ft² (3 acres) for each cell would take approximately 4 days with a loader. This activity is also done in the normal operations.
3. After placing 18" cover, to place topsoil cover of 6" approximately 132,000 ft² for each cell would take 4 days with a loader.
4. To complete compaction with equipment tires for each cell would take approximately 2 days with a loader.

5. To complete grading each cell would take approximately 2 days for each cell with a road grader.
6. To complete seed preparation would take approximately 1 day for each cell with a tractor and implement.
7. To complete seed drilling would take approximately 1 day for each cell.
8. For erosion repair based on 1 foot cover over 5% per year would equal 1 day with the loader.
9. For vegetative repair on 10% area per year would translate into 1 day with a tractor and implement.

As we have mentioned in Closure Plan above, CESI is projecting to fill 9 acres (3 cells) during the next 10 years. Step 1 and Step 2 would be completed during normal operations and there will be no costs. (Expenses are included in normal operation expenses) Step 3, Step 4 and Step 8 would take approximately 21 days for 9 acres (3 cells) using a loader and currently CESI is renting a loader for \$4,000.00 per month for the daily operation. Step 5, Step 6, Step 7, and Step 9 would take 15 days for 9 acres (3 cells) with a grader and tractor and currently CESI is renting it for \$3,400.00 per month for the daily operation.

Additional costs would be required for fertilizer (\$150.00 per acre), seed (\$150.00 per acre), implements rental (\$200.00 per month), and site inspection fee (\$4,500.00). To analyze 30 samples based on 10 samples each cell running TPH by 418.1 and GRO, DRO by 8015M (\$90.00 per sample) for 3 cells would cost \$2,700.00.

Total Closure Cost Estimated Items

Loader Rental	\$4,000.00 (1 month)
Grader/Tractor Rental	\$1,700.00 (1/2 month)
Fertilizer.....	\$1,350.00 (\$150.00 x 9 acres)
Seed.....	\$1,350.00 (\$150.00 x 9 acres)
Implements Rental.....	\$200.00
Sample Analysis.....	\$2,700.00 (\$90.00 x 30 samples)
Site Inspection Fee.....	\$4,500.00

Total Estimated Closure Cost..... \$15,600.00 (3 cells total of 9 acres)

Post Closure Care Cost Estimate (160 acres)

Erosion repair per year.....	\$994.00
Vegetative repair per year.....	\$534.00
Mobilize / Demobilize.....	\$800.00
Fertilizer (repair).....	\$534.00
Cost of fertilizer (repair).....	\$450.00
Road Grader (dike).....	\$994.00
Mobilize / Demobilize.....	\$800.00
Site Inspection / Monitoring.....	\$2,000.00
36 lab samples.....	\$3,240.00
Engineering to prepare certificate.....	\$2,000.00

Post Closure Care Cost Total per year..... \$12,346.00

Post Closure Care Cost for 30 years..... \$370,380.00

For the next 10 years, CESI is projecting to fill total of 9 acres (3 cells; cell #10, 11, and 15) and close these cells. Three (3) cells closed based on above closure cost estimate would be **\$15,600.00**.

Post Closure care cost for these 9 acres (3 cells) based on the above post closure cost of \$370,380.00 (160 acres) would be at a percent of the total. $(9 \text{ acres}) / (160 \text{ acres})$ is 5.6%. Therefore, 5.6% of \$370,380.00 would be **\$20,742.00**.

Closure Cost of Nine (9) Acres..... \$15,600.00

Post Closure Care Cost of Nine (9) Acres..... \$20,742.00

Total Closure and Post Closure Care Cost of Nine (9) Acres..... \$36,342.00

CESI will be notifying when these nine (9) acres are filled during the next 10 years.

R315-315-2.

Asbestos and Construction / Demolition Waste

CESI will continue to handle and dispose of Asbestos Waste and C/D Waste in manner that will not permit the release of asbestos fibers into the air. Friable asbestos waste will only be accepted if properly containerized and adequately wet upon arrival. If the waste is not properly containerized, CESI will refuse the load or thoroughly soak the load with a water spray prior to unloading. Waste received that is not properly containerized will immediately be covered with soil. Trucks with improperly containerized loads will be rinsed prior to leaving the Landfill.

A Defined Cost Estimate by A-1 Environmental and DSHW oversight.

Closure Estimate

Item	Unit	Total
Equipment Rental Loader (including mobilization and demobilization of the equipment)	1 Month	\$4,000.00
Seed, Plants and Fertilizer	9 Acres	\$3,000.00
Other Cost (Fuel for equipment)	9 Acres	\$500.00
Sample Costs (Soil Sample Analysis for TPH by 418.1 and GRO, DRO by 8015M)	30 Samples	\$2,700.00
Site Inspection Fee (including inspection of soil, vegetation, ground condition, and sampling)	9 Acres	\$1,800.00
General Contingency Fee	10%	\$1,200.00
DSHW Oversight Contingency	10%	\$1,200.00
TOTAL		\$14,400.00

Post Closure Estimate (1 Time Only Cost for 30 years)

Item	Unit	Total
Equipment Rental Grader (including mobilization and demobilization of the equipment)	Project	\$1,700.00
Removal of Equipments (Structures)	Project	\$1,000.00
Vegetation Repire (if nessary)	Project	\$1,000.00
Fertiliser addition and Adjustment (if nessary)	Project	\$1,500.00
Site Inspection / Monitting (overall inspecion of soil, vegetation, ground conditions for 2 times per year)	Project	\$12,000.00
Sample Costs (Soil Sample Analysis for TPH by 418.1 and GRO, DRO by 8015M for nessesary locations)	Project	\$3,000.00
Engineer to Prepare Certification	Project	\$1,000.00
General Contingency Fee	10%	\$2,120.00
DSHW Oversight Contingency	10%	\$2,120.00
TOTAL		\$25,440.00

Closure and Post Closure Estimate Total

\$39,840.00

5

Attachment A
Other Existing Permits



State of Utah

Department of
Environmental Quality

Richard W. Sprott
Executive Director

DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
Director

Water Quality Board
Joe Piccolo, *Chair*
Paula Doughty, *Vice-Chair*
David F. Echols
Merritt K. Frey
Darrell H. Mensel
Leland J. Myers
Richard W. Sprott
Jay Ivan Olsen
Gregory L. Rowley
Steven P. Simpson
Daniel C. Snarr
Walter L. Baker,
Executive Secretary

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

March 20, 2008

Mr. Tsuyoshi Okano
President
Contract Environmental Services
410 North Auburn Ave
Farmington, NM 87401

Dear Mr. Okano:

Subject: Utah Pollutant Discharge Elimination System (UPDES)
Multi-Sector General Permit for Storm Water Discharges Associated with Industrial
Activity, Coverage No. **UTR000713**.

Our office received your "notice of intent" (NOI) for **Contract Environmental Services** to obtain coverage under the *UPDES Multi-Sector General Permit for Storm Water Discharges Associated with Industrial Activity, General Permit No. UTR000000* on December 31, 2007. The received NOI is for the Contract Environmental Landfarm facility located at, Latitude 37° 23' 47" N, Longitude 109° 05' 45" W, Fillmore, Utah, Millard County. This letter confirms your coverage under the general permit; the permit coverage number for the facility is No. **UTR000713**. Please use this number in any future correspondence associated with this project.

This coverage is effective **March 01, 2008** and expires at midnight, **December 31, 2012**. There was no lapse in coverage because the old permit was extended until the new permit was issued.

The permit requires a Storm Water Pollution Prevention Plan (SWP3). Maintaining a current copy of the SWP3 at the site is a requirement of the permit. Monitoring is also required as outlined in appendix II requirements. Please review these requirements if you are not familiar with them. A copy of the general permit and appendix requirements can be found on our website at <http://www.waterquality.utah.gov/updes/stormwater.htm>.

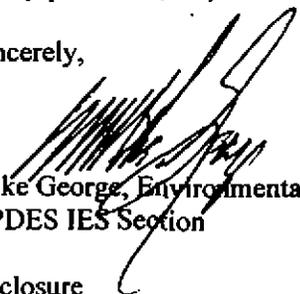
Storm water discharge monitoring report (SWDMR) forms are enclosed for your convenience. These forms may be used to record visual and/or analytical monitoring results.

Page 2

As the agency charged with the administration of issuing UPDES Permits, we are continuously looking for ways to improve our quality of service to you. Please take a few moments to complete the enclosed questionnaire, and return it in the enclosed, self-addressed, postage paid, envelope. The results will be used to improve our quality and responsiveness and give us feed back on customer satisfaction.

If you have any questions concerning this letter or your permit coverage please do not hesitate to contact me by phone at (801) 538-9325 or by e-mail at mmgeorge@utah.gov. Thank you.

Sincerely,



Mike George, Environmental Scientist
UPDES IES Section

Enclosure

U:\WQPERMITS\Mgeorge\wp\storm water\group 5 2007\contractlandfarm713.doc



State of Utah

Department of
Environmental
Quality

Dianne R. Nielson, Ph.D.
Executive Director

DIVISION OF SOLID &
HAZARDOUS WASTE
Dennis R. Downs
Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

received
6-25-04
CES, INC
1:43 PM

June 22, 2004

Shawn Adams
Contract Environmental Services, Inc.
410 North Auburn
Farmington, New Mexico 87401

Subject: Recycling Plan of Operation

Dear Mr. Adams:

We have reviewed the Plan of Operation received June 1, 2004 for the proposed Contract Environmental Services, Inc. (CES) soil remediation operation near Hovenweep Monument. The Plan of Operation meets the requirements of the rules. Based on the Plan of Operations, soils from the cleanup of regulated underground storage tanks (UST) may be accepted at the CES facility.

The following requirements of the Utah Solid Waste Permitting and Management Rules apply to UST soils received at the facility:

- A certification must be submitted to the Executive Secretary by March 1 of each year that the facility has operated according to the submitted plan of operation (R315-312-2(2) UAC). This certification may be included with the annual report (see below);
- At least 50% of the material on site at the beginning of a year must be shown to have been recycled, or the facility will be considered a disposal facility (R315-312-2(3)(a) UAC);
- An operating record must be maintained which includes the weights or volumes, number of vehicles entering; deviations from the plan of operation; training and notification procedures; and an inspection log or summary (R315-302-2(3)(a) UAC);
- An annual report must be placed in the operating record and submitted to the Executive Secretary by March 1 of each year which includes the annual quantity of solid waste handled at the facility (R315-302-2(4) UAC);
- The generator of the UST soils must meet the requirements of R315-5-1.11 and provide documentation that the soils were not derived from a hazardous waste and do not meet the definition of hazardous waste under Utah Administrative Code R315-2;

June 22, 2004
Page 2

- Testing must be conducted by CES as outlined in the plan of operation; and
- Areas for the storage of the soils shall be constructed as outlined in the plan of operation, maintained and operated so that air surface waters or ground water will not become contaminated.

Additionally, the Division of Air Quality within the Department of Environmental Quality may have regulatory requirements that impact the facility. They can be reached at (801) 536-4000. You should also contact the Southeastern Utah District Health Department at (435) 637-3671 if you have not already done so.

If you have any questions, please contact Ralph Bohn at 801/538-6794 or by email at rbohn@utah.gov.

Sincerely,


Dennis R. Downs, Executive Secretary
Solid and Hazardous Waste Control Board

DRD/RTB/kk

c: David Cunningham, B.S.N., R.N., Director, Southeastern Utah District Health Dept.
David Ariotti, DEQ Southeastern District Engineer



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

January 18, 2002

Shawn Adams
Contract Environmental Services Inc.
410 North Auburn
Farmington, New Mexico 87401

RE: Approval to Operate Land Farm Expansion, Section 18, Township 39 South,
Range 26 East, San Juan, County, Utah

Dear Mr. Adams,

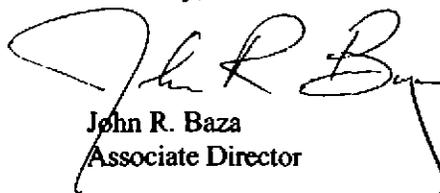
The Division of Oil, Gas and Mining (the "Division") is granting approval for operation of the expansion of "Area B" located at the above referenced facility. The operator shall meet the following required conditions:

1. The materials disposed at this facility shall be mixed regularly until cleanup levels are attained.
2. No free oil or oily waste shall be allowed to escape the facility at any time.
3. DOGM shall be notified 24 to 48 hours prior to commencing construction.
4. Security fencing shall be installed and maintained around the perimeter of the facility including the expansion area similar to that in place at the current operation.
5. A containment berm shall be placed around the expansion area.

As is customary, your facility is subject to inspection by the Division at any time that DOGM personnel are in the area. Representatives of the Division may contact you about visits or inspections and may schedule these in advance with a designated person from your organization.

Questions concerning this approval can be directed to Brad Hill at (801) 538-5315, or Mike Hebertson at (801) 538-5333, in the Salt Lake office.

Sincerely,



John R. Baza
Associate Director

kmh/er

cc: San Juan County Planning Office
Bureau of Land Management, Monticello Field Office



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-369-3940 (Fax)
801-538-7223 (TDD)

February 12, 2001

Shawn Adams
Contract Environmental Services Inc.
410 North Auburn
Farmington, New Mexico 87401

RE: Approval to Operate Land Farm Expansion, Section 18, Township 39 South,
Range 26 East, San Juan, County, Utah

Dear Mr. Adams,

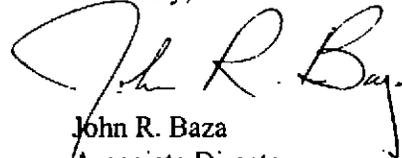
Expansion Area B located at the above referenced facility is approved for operations with the following conditions:

1. The materials disposed at this facility shall be mixed regularly until cleanup levels are attained.
2. No free oil or oily waste shall be allowed to escape the facility at any time.
3. DOGM shall be notified 24 to 48 hours prior to commencing construction.
4. Security fencing shall be installed and maintained around the perimeter of the facility including the expansion area similar to that in place at the current operation.
5. A containment berm shall be placed around the expansion area.

As is customary, your facility is subject to inspection by the Division of Oil, Gas & Mining at any time that DOGM personnel are in the area. Representatives of the Division may contact you about visits or inspections and may schedule these in advance with a designated person from your organization.

Questions concerning this approval can be directed to Brad Hill at (801) 538-5315. or Mike Hebertson at (801) 538-5333, in the Salt Lake office.

Sincerely,


John R. Baza
Associate Director

er
cc: San Juan County Planning Office
B.L.M., Monticello, Utah

DIVISION OF OIL, GAS AND MINING
COMMERCIAL DISPOSAL PIT OR LAND FARMING

PERMIT
STATEMENT OF BASIS

Applicant: Contract Environmental Services Inc.

Facility: Land Farm Expansion

Location: T93S, R26E, S18 W ½ NE ¼ , San Juan Co.

Review Date: February 9, 2001

Ownership Issues:

The proposed extension to this facility is located in W ½ NE ¼ Section 18, T39S, R26E, San Juan County, Utah, on 80 acres of Fee land owned by the applicant. A Warranty Deed has been supplied as proof of ownership. At the time that the first phase of this project was approved the 80 acres of phase B were not owned by the operator, however phase B was approved as part of the overall project.

Site Characteristics:

The surface formation in this part of eastern San Juan County is Cretaceous age Dakota Sand Stone. It is a light tan, nearly white, to light gray. The sands are medium to fine grained and moderately sorted. The soils in this area are a medium brown to reddish brown and very clayey. The clays are of a good compacting nature making an overall moderately permeable soil.

The site slopes gently from west to east across the entire surveyed area with about 20 feet of elevation difference from the high point on the north, to the low area on the south. There are only minor drainages that bisect the property from southwest to northeast. They are of such low relief that they pose no actual impact to the overall project and shall be farmed across as if they were not there.

The site is within a mile of Hovenweep National Monument Headquarters, but is lower in elevation and cannot be seen from the monument. It is an area that is mostly flat mesa top land, with steep canyons that bisect the area where erosion has cut through the Dakota Sandstone into the Morrison formation. The closest of these canyons is to the west about one half mile, and it eventually intersects with Cross Canyon about two miles northwest of this site.

Surface and Ground Water Protection:

There is no surface water within a mile of this location. There is a water seep within the confines of the Monument, which exits at the base of the Dakota Sand south and west from the Rangers Station. The monument obtains its water from a well that produces from about 1,440 feet, and there is no know water within 1,000 feet of the surface. The

noted seep does not actually flow water but is more of a wet puddle below the overhang. In relation to the land farm the seep is about 150 feet stratigraphically lower than the surface at the land farm site.

There are no other points of diversion in the Division of Water Rights database within 12,000 feet of this site, and the US Parks services is greater than 10,000 feet from the Land Farm operations.

The site shall be monitored during all phases of construction and routine (monthly) inspection of the operating procedures and shall continue after construction is completed.

Operations and Waste Handling:

The entire operation shall be enclosed within a fence. The oily soils shall be farmed and composted within cells designated for that purpose, and the natural soils at the site shall be blended with the natural vegetation until the level of hydrocarbon in the soils decomposes to an acceptable level for other uses. Individual cells within the project are for use by the operator transporting oily waste to the site and the number of loads in each cell shall be accounted for.

The entire area shall be bermed around as a precaution and as a secondary containment measure to keep oily wastes from migrating off the project area. Oily waste will not be allowed to accumulate without being mixed and treated on a regularly scheduled basis. At this time there is no proposal to treat the waste with water or other enhancing nutrients to accelerate the bioremediation of the waste.

Bonding:

The Division of Oil Gas & Mining, holds a surety bond for this facility in the amount of \$10,000, issued by Hanover Insurance. It is an A rated bond, and was reviewed in September of 2000.

Actions Taken and Further Approvals Needed:

Notice of this application has not been published since it is an expansion of an existing facility.

1. DOGM shall be notified 24 to 48 hours prior to commencing construction.
2. Security fencing shall be installed and maintained around the perimeter of the facility as already in use for the current operation.
3. A containment berm shall be placed around the facility.

Reviewer: K. Michael Hebertson Date: February 9, 2001



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

received
5/17/99

May 12, 1999

Shawn A. Adams
Contract Environmental Services, Inc.
P.O. Box 3376
Farmington, New Mexico 87499

Re: Approval to Operate - Oilfield E&P Waste Land Farm Facility, Section 18, Township 39 South, Range 26 East, San Juan County, Utah

Dear Mr. Adams:

The Division has inspected your land farm site at the above referenced location and has found it to be in compliance with current regulations. This facility is therefore approved for the remediation of oilfield contaminated soils in accordance with the submitted application. At all times this facility shall be operated in compliance with The Oil and Gas Conservation General Rules R649-1 et seq..

This permit is valid for the remediation of RCRA exempt Exploration and Production Wastes only. At no time is any non-exempt waste or refuse to be accepted, stored or remediated at the site. Current records shall be kept of all materials received by the facility. The Division shall be provided with quarterly reports which include the volume and types of materials received as well as the volumes of materials which have been determined to be successfully remediated during the quarter. You have indicated that at this time no nutrients or moisture will be added to improve degradation of the waste hydrocarbons. The Division shall be consulted prior to any changes in your operational procedure to allow for any needed amendments to this permit.

This approval does not exempt you from complying with all other federal, state and local rules and ordinances.

If you have any questions concerning this approval please contact Brad Hill or Gil Hunt at this office.

Sincerely,

John R. Baza
Associate Director, Oil and Gas

lwp
cc: San Juan County Commission

Attachment B
Accreditation of CESI Members



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

Department of
Environmental Quality

William J. Sinclair
Acting Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

DAQA-003-09

January 14, 2009

Tsuyoshi Okano
Contract Environmental Services, Inc.
410 North Auburn Street
Farmington, NM 87401

Dear Mr. Okano:

Re: Utah Asbestos Company Certification Card

The Utah Division of Air Quality (DAQ) has received your Certification Application for Asbestos Company and we are pleased to inform you that your application has been approved. Your new Asbestos company certification card is enclosed with this letter and this card is the sole method of Asbestos company certification documentation that you will receive from the DAQ. Please check the information on your asbestos company certification card carefully and please confirm that the company name and certification expiration date are correct.

Please be aware that your company is certified to perform asbestos projects in accordance with applicable state and federal rules and the use of Utah certified individuals is mandatory. Also, your certification may be revoked or suspended if the Utah certified individual or company are found to be in violation of the asbestos certification and work practices standards found in Utah Administrative Code R307-801 or the National Emission Standard for Asbestos found in Title 40 Code of Federal Regulations Part 61 Subpart M.

If you have any questions about this letter or the enclosed asbestos company certification card, please contact Ann Rosser at (801) 536-4424 or at arosser@utah.gov.

Sincerely,

Robert W. Ford, Manager
Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:jv

**Utah Department of Environmental Quality
Division of Air Quality**

The Utah Division of Air Quality certifies that:
Contract Environmental Services, Inc.

is hereby certified as an asbestos company in
accordance with the provisions of Utah Administrative
Code R307-801.

Certification number: **ASBC-416**

Expiration date: **12/31/09** *m. Amy B.*
Executive Secretary Utah Air Quality Board



State of Utah

Department of
Environmental Quality

Richard W. Sprott
Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

June 30, 2008

DAQA-0003-08

Tsuyoshi Okano
Contract Environmental Services, Inc.
410 N. Auburn Avenue
Farmington, New Mexico 87401

Dear Mr. Okano:

Re: Utah Asbestos Company Certification Approval - Certification Number 416

Your application for Utah asbestos company certification for calendar year 2008 has been reviewed and approved. Contract Environmental Services, Inc. is hereby certified as an asbestos company in accordance with the provisions of Utah Administrative Code (UAC) R307-801-5. Contract Environmental Services, Inc. is hereby certified as a Utah asbestos company and has been assigned certification number 416.

Asbestos company certification is subject to the following conditions:

1. Certification is valid until December 31, 2008, and,
2. Contract Environmental Services, Inc. is certified to perform asbestos projects in accordance with applicable state and federal rules. The use of asbestos certified personnel is mandatory, and,
3. Certification may be revoked or suspended if the asbestos project operator is found to be in violation of the asbestos work practices and contractor certification (UAC R307-801) or the National Emission Standard for Asbestos (40 CFR 61 Subpart M).

To ensure continuous certification for calendar year 2009, please submit your certification application to the Division on or before December 1, 2008. Division forms, asbestos brochures, the Utah asbestos fee calculator for renovation and demolition notifications and lists of approved asbestos laboratories and landfills are available on our web site at www.airquality.utah.gov/haps/asbestos/index.htm.

DAQA-0003-08

Page 2

If you have any questions about this letter or your Utah asbestos company certification, please contact Ann Rosser by telephone at (801) 536-4424 or by e-mail at arosser@utah.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Cheryl Heying".

M. Cheryl Heying, Executive Secretary
Utah Air Quality Board

MCH:ar



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

Department of
Environmental Quality

William J. Sinclair
Acting Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

Utah Asbestos Certification

Tsuyoshi Okano
ASB-3905

Inspector (Exp. 09/05/09)
Supervisor (Exp. 04/30/10)



M. Cheryl Heying
Executive Secretary Utah Air Quality Board

DAQA-001-09

May 20, 2009

Tsuyoshi Okano
Contract Environmental Services, Inc.
925 South Broadway, Suite 251
Cortez, CO 81321

Dear Mr. Okano:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (DAQ) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the DAQ.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name, and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

If you have any questions regarding this letter or the enclosed asbestos program certification card, please contact Ann Rosser at (801) 536-4424 or at arosser@utah.gov.

Sincerely,

Robert W. Ford, Manager
Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:jjv



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

Department of
Environmental Quality

Richard W. Sprott
Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

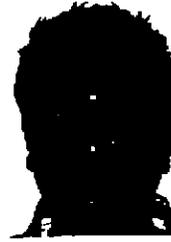
Utah Asbestos Certification

Tsuyoshi Okano

ASB-3905

Inspector (Exp. 09/05/09)

Supervisor (Exp. 03/20/09)



m. Cheryl Heying
Executive Secretary Utah Air Quality Board

September 15, 2008

Tsuyoshi Okano
Contract Environmental Services
410 North Auburn Street
Farmington, New Mexico 87401

Dear Mr. Okano:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (Division) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the Division.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name, and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

If you have any questions regarding this letter or the enclosed asbestos program certification card, please contact Ann Rosser at (801) 536-4424 or at arosser@utah.gov.

Sincerely,

Robert W. Ford, Manager
Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:jv



State of Utah

Department of
Environmental Quality

Richard W. Sprott
Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

Utah Asbestos Certification

Tsuyoshi Okano
ASB-3905

Inspector (Exp. 09/06/08)
Supervisor (Exp. 03/20/09)



M. Cheryl Heying
Executive Secretary Utah Air Quality Board

June 16, 2008

DAQA-0001-08

Tsuyoshi Okano
Contract Environmental Services
410 N. Auburn Street
Farmington, New Mexico 87401

Dear Mr. Okano:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (Division) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the Division.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

Utah Administrative Code R307-801 *Asbestos Certification Rules* require all Asbestos Companies that perform or offer to perform asbestos activities (i.e. inspections, management plans and/or abatement activities) in Utah to be certified. As part of our individual certification application review process, we have compared your application with our list of certified companies. Our records show that the company you included on your application is not currently certified as an asbestos company in Utah. Utah Administrative Rules require both individuals and companies to be certified before performing or offering to perform any asbestos activities. To help you with the company certification process, I have included a copy of the current Division of Air Quality Certification Application for Asbestos Companies with this letter.

This certifies successful
completion of the approved 24 hour training course.

Tsuyoshi Okano
507108024
Asbestos Inspector

For the purposes of accreditation required under

TSR Title II and AHERA
Compliance in the State of Louisiana Reg
Conduc
ACME
Acme Environmental, Inc.
Albuquerque, NE

Albuquerque, NM 87107
(505) 872-ACME

Course Date: 09/03-05/08

Expires On: 09/05/09

Course Director: 

Certificate Number: 090508-08

This certifies successful
completion of the approved 24 hour training course.

Tsuyoshi Okano

Asbestos Inspector

For the purposes of accreditation required under
TSCA Title II and AHERA

in compliance with the State of Louisiana regulation.

Conducted by

ACME

Acme Environmental, Inc.

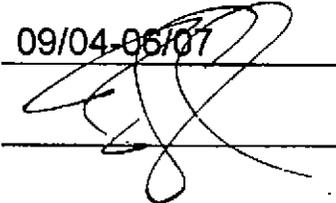
3816 Carlisle NE

Albuquerque, NM 87107

(505) 872-ACME

Course Date: 09/04-06/07

Expires On: 09/06/08

Course Director: 

Certificate Number: 090607-09

This certifies successful
completion of the approved 16 hour training course.

Tsuyoshi Okano

Asbestos Management Planner

For the purposes of accreditation required under

TSR Title II and AHERA

compliance in the State of Louisiana Reg

Conduc

ACME

Acme Environmental, Inc.

Suite NE

Albuquerque, NM 87107

(505) 872-ACME

Course Date: 06/05-06/08

Expires On: 06/06/09

Course Director: 

Certificate Number: 060608-02

This certifies successful
completion of the approved 8 hour training course.

Tsuyoshi Okano

507108024

**Asbestos Contractor / Supervisor
Refresher**

for the purpose of accreditation required under
OSHA Title 29 CFR 1910.101 and 1910.1026 and training under 29 CFR 1910.101
in compliance with the State of New Mexico regulations
Conducting Asbestos Abatement Work
ACME
Environmental, Inc.

3816 Carlisle NE

Albuquerque, NM 87107

(505) 872-ACME

Course Date: 04/30/09

Expires On: 04/30/10

Course Director: 

Certificate Number: 043009-21

This certifies successful
completion of the approved 8 hour training course.

Tsuyoshi Okano

507108024

**Asbestos Contractor / Supervisor
Refresher**

for the purpose of accreditation required under
CA Title 20, NRS 209 and training under ES 19.1.
Compliance with the State of New Mexico
Conduct of Business Act, NMSA 1978, § 60-1-1,
enacted by the State of New Mexico, and the
Environmental, Inc.

ACME

3816 Carlisle NE

Albuquerque, NM 87107

(505) 872-ACME

Course Date: 03/20/08

Expires On: 03/20/09

Course Director: 

Certificate Number: 032008-18

This certifies successful
completion of the approved 40 hour training course.

Tsuyoshi Okano

Asbestos Contractor / Supervisor

For the purposes of accreditation required under
TSCA Title II, AHERA and training under NESHAP
in compliance with the State of Louisiana regulation

Conducted by

ACME

Acme Environmental, Inc.

3816 Carlisle NE

Albuquerque, NM 87107

(505) 872-ACME

Course Date: 04/09-13/07

Expires On: 04/13/08

Course Director: 

Certificate Number: 041307-02

This certifies successful
completion of the approved 8 hour training course.

Tsuyoshi Okano

**Hazardous Waste Operations
and Emergency Response Refresher**

For the training required under
SHA 29 CFR 1910.120
Conducted by
Environmental, Inc.

ACME

**3816 Carlisle NE
Albuquerque, NM 87107
(505) 872-ACME**

course date: 03/23/09

expires on 03/23/10

course director: 

certificate number: 032309-20

This certifies successful
completion of the approved 8 hour training course.

Tsuyoshi Okano

**Hazardous Waste Operations
and Emergency Response Refresher**

For the training required under
SHA 29 CFR 1910.120
Conducted by
Environmental, Inc.

ACME

3816 Carlisle NE

Albuquerque, NM 87107

(505) 872-ACME

course date: 03/18/08

expires on 03/18/09

course director: 

certificate number: 031808-11

This certifies successful
completion of the approved 40 hour training course.

Tsuyoshi Okano

**Hazardous Waste Operations
and Emergency Response**

For the purposes of training required under
OSHA 29 CFR 1910.120

Conducted by

Acme Environmental, Inc.

3816 Carlisle NE

Albuquerque, NM 87107

(505) 872-ACME

Course Date: 11/27-12/01/06

Expires On: 12/01/07

Course Director: 

Certificate Number: 120106-07

This certifies that
TSUYOSHI OKANO

Has completed the
Hazardous Material Incidents Response Operations (165.5)

Training Course
3.8 Continuing Education Units
Albuquerque, New Mexico
November 27 – December 1, 2006

Presented by the
ACME ENVIRONMENTAL, INC.

In cooperation with the
U.S. ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL RESPONSE TRAINING PROGRAM

This course meets the 29 CFR 1910.120(e)(3)(i) requirements of a minimum of
40 hours of off-site safety training for hazardous waste site workers.



Course Director
ACME Environmental, Inc.



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

Department of
Environmental Quality

William J. Sinclair
Acting Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

Utah Asbestos Certification

Fredrick C. Palmer
ASB-3903

Supervisor (Exp. 02/18/10)



M. Amy Big
Executive Secretary Utah Air Quality Board

March 12, 2009

DAQA-001-09

Fredrick C. Palmer
Contract Environmental Services, Inc.
410 North Auburn Street
Farmington, NM 87401

Dear Mr. Palmer:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (DAQ) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the DAQ.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name, and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

If you have any questions regarding this letter or the enclosed asbestos program certification card, please contact Ann Rosser at (801) 536-4424 or at arosser@utah.gov.

Sincerely,

Robert W. Ford, Manager
Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:fv



State of Utah

Department of Environmental Quality

Richard W. Sprott
Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

June 16, 2008

DAQA-0001-08

Fredrick C. Palmer
Contract Environmental Services
410 N. Auburn Street
Farmington, New Mexico 87401

Dear Mr. Palmer:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (Division) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the Division.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

If you have any questions regarding this letter or the enclosed asbestos program certification card, please contact Ann Rosser by telephone at (801) 536-4424 or by e-mail at arosser@utah.gov.

Sincerely,

Robert W. Ford, Manager
Air Toxics, Lead and Asbestos Section

RWF:ar

Utah Asbestos Certification

Fredrick C. Palmer

ASB-3903

Supervisor (Exp. 03/07/09)



Executive Secretary Utah Air Quality Board

This certifies successful
completion of the approved 8 hour training course.

Fred C. Palmer

942170149

**Asbestos Contractor / Supervisor
Refresher**

for the purpose of accreditation required under
NMAC Title 20, Chapter 2 and training under ES
compliance with the State of New Mexico
Conduct of
Environmental, Inc.

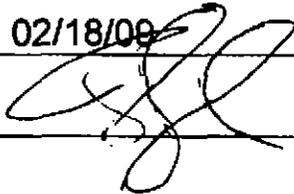
ACME

3816 Carlisle NE

Albuquerque, NM 87107

(505) 872-ACME

Course Date: 02/18/09

Course Director: 

Expires On: 02/18/10

Certificate Number: 021809-01

This certifies successful
completion of the approved 40 hour training course.

Fred Palmer

942170149

Asbestos Contractor / Supervisor

For the purposes of accreditation required under
TSCA Title II, and training under NESHAP
compliance in the State of Louisiana, Reg.

Conduc

ACME

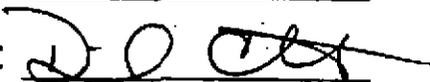
Environmental, Inc.
Albuquerque, NE

Albuquerque, NM 87107

(505) 872-ACME

Course Date: 03/03-07/08

Expires On: 03/07/09

Course Director: 

Certificate Number: 030708-04

Attachment C
CESI Waste Manifests

Contract Environmental Services, Inc.

410 N. Auburn Avenue Farmington, New Mexico 87401 505-325-1198

Asbestos Landfill Manifest

Manifest Number: **11122**
(signature required)

I certify that this is Asbestos-Containing Building Material Waste, No Hazardous Waste or PCBs
Delivery Date (mm/dd/yy): _____ Delivery Time: _____
Volume Delivered (est. cu. Yd.): _____
Description (bags, wrapped pipe, floor tile, etc...): _____

Asbestos Origin and Generator Information:

Location or Building: _____
Address: _____
Generator: _____
Address: _____ Phone: _____

Send Invoice to (if different from above):

Name: _____ Job or P.O. no.: _____
Company: _____
Address: _____
Phone: _____

Transporter Information:

Trucking Company: _____
Address: _____
Phone: _____

Driver: _____ Truck Number: _____
Time left site: _____ Time arriving at landfill: _____
Time to unload contents: _____

Asbestos Covered will be either (check one):

- remediated UST
- virgin soil
- remediated E&P

GPS info N _____
W _____

Depositing Information:

Grid Number Deposited In: _____

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	9	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18

Shade in approximate area accounted for by the asbestos in the appropriate grid square:

Asbestos Data:

Acceptable condition: _____
Yes: _____ No: _____
Condition remedied by: _____
Returned to Sender: _____
Date returned: _____

Notes: _____

Special Handling Needed: _____



Construction / Demolition Manifest

I certify that this is construction or demolition waste, no hazardous waste, Signed: _____

Delivery Date (mm/dd/yy): _____ Delivery Time: _____

Volume Delivered (est. cu. yd.): _____

Description (soil type, color, etc.): _____

Waste Origin and Generator Information:

Location: _____

Section: _____ Township: _____ Range: _____ Qt/Qt or U.L.: _____

Generator: _____

Address: _____

_____ Phone: _____

Send Invoice to (if different from above):

Name: _____ Job or P.O. No.: _____

Company: _____

Address: _____

_____ Phone: _____

Transporter Information:

Trucking Company: _____

Address: _____

_____ Phone: _____

Driver: _____ Truck Number: _____

Time Left Site: _____ Time Arriving at Landfarm: _____

C & D Waste will either (check one):

remain at landfarm, or

return to its originating location

"GPS" N _____

W _____

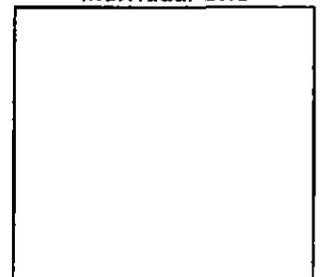
Depositing Information:

Grid Number Deposited In: _____

Shade in approximate area accounted for in the appropriate grid square:

3	2	1
4	5	6
9	8	7
10	11	12
15	14	13
16	17	18

Individual Grid



Testing:

Field Headspace: _____

TPH: _____ SAR: _____

Elec. Cond.: _____

EPS: _____

Date Tested: _____



410 North Auburn Avenue • Farmington, New Mexico 87401 • 505-325-1198

Landfarm Soil Delivery Manifest

I certify that this is RCRA-exempt Oilfield Waste, Signed: _____
Delivery Date (mm/dd/yy): _____ **Delivery Time:** _____
Volume Delivered (est. cu. yd.): _____
Description (soil type, color, etc.): _____

Soil Origin and Generator Information:

Location or Well name: _____
Section: _____ **Township:** _____ **Range:** _____ **Qt/Qt or U.L.:** _____
Generator: _____
Address: _____ **Phone:** _____

Send Invoice to (if different from above):

Name: _____ **Job or P.O. no.:** _____
Company: _____
Address: _____ **Phone:** _____

Transporter Information:

Trucking Company: _____
Address: _____ **Phone:** _____

Driver: _____ **Truck Number:** _____
Time left site: _____ **Time arriving at landfarm:** _____

Remediated soil will either (check one):
 remain at landfarm, or
 return to its originating location.

"GPS" **N** _____
 W _____

Depositing Information:

Grid Number Deposited In: _____

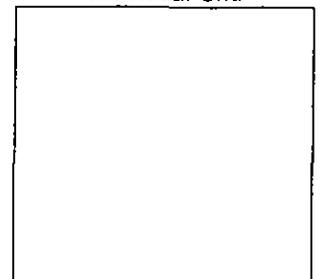
Shade in approximate area accounted for by the soil in the appropriate grid square:

Soil Contamination Data:

Field headspace: _____
TPH: _____ **SAR:** _____
Elec. Cond: _____
EPS: _____
Date tested: _____

3	2	1
4	5	6
9	8	7
10	11	12
15	14	13
16	17	18

Individual Grid



Attachment D
Inspection Reports



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

Department of
Environmental Quality

William J. Sinclair
Acting Executive Director

DIVISION OF SOLID AND
HAZARDOUS WASTE
Dennis R. Downs
Director

April 14, 2009

Tsuyoshi Okano, President
Contract Environmental Services
925 S. Broadway, Suite 251
Cortez, Colorado 81321

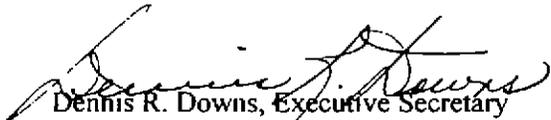
Subject: Inspection of the Asbestos and Construction and Demolition Landfill on April 1, 2009.

Dear Mr. Okano:

On April 1, 2009, Rob Powers, a staff member of the Solid Waste Section, conducted an announced inspection of the Asbestos and Construction and Demolition Landfill. The purpose of the inspection was to determine compliance with the *Utah Solid Waste Permitting and Management Rules* and the landfill permit. Enclosed is a copy of the inspection checklist and copies of the photographs taken during the inspection. The inspection revealed the site to be well operated and in good shape. No deficiencies were noted in aspects of the landfill operation covered by the inspection.

The Division has a long history of a good working relationship with Contract Environmental Services and is looking forward to continuing that relationship. If you have any questions, please feel free to contact Rob Powers at 801-538-6170 or by e-mail at rdpowers@utah.gov.

Sincerely,



Dennis R. Downs, Executive Secretary

Utah Solid and Hazardous Waste Control Board

DRD/rdp/kk

Enclosure: Inspection Checklist, Inspection photographs

c: David Cunningham, RN, MSN, Health Officer, Southeastern Utah Health Department
Claron D. Bjork, EHS, PhD, Environmental Health Director, Southeastern Health Department
David Ariotti, DEQ District Engineer
Fred Palmer, Contract Environmental Services, Site Supervisor

1N200900446 DOC

288 North 1460 West • Salt Lake City, UT
Mailing Address: P.O. Box 144880 • Salt Lake City, UT 84114-4880
Telephone (801) 538-6170 • Fax (801) 538-6715 • T.D.D. (801) 536-4414
www.deq.utah.gov

Printed on 100% recycled paper

SOLID WASTE FACILITY INSPECTION REPORT CHECKLIST

UTAH DIVISION OF SOLID & HAZARDOUS WASTE

Facility Name Contract Environmental Services Landfill County San Juan
 Location Approximately one mile from the entrance to Hovenweep National Monument
 Inspection Date 4/1/09 Time In 1:30 pm Time Out 2:30 pm
 Routine Oversight Follow up Monitoring Evaluation Facility Status Construction Review
 Announced Unannounced Weather Conditions Partly Cloudy skies, windy and cold
 Inspection Goal Compliance with the State Rules and Permit
 Facility Contact Fred Palmer and Yoshi Okano
 Participants Fred Palmer, Yoshi Okano and Rob Powers
 FOLLOW UP INSPECTION NEEDED Yes No Recommended Follow Up Date _____

(X - indicates items reviewed)

1. PRE-INSPECTION REVIEW

<input checked="" type="checkbox"/>	1.1 Permit Review
Permit expires in 2009	
<input checked="" type="checkbox"/>	1.2 Annual Report Review
Are complete and up to date	
<input type="checkbox"/>	1.3 Previous Inspection Review
<input checked="" type="checkbox"/>	1.4 Facility Contacts Confirmed
Ok	
<input checked="" type="checkbox"/>	1.5 Facility Contacted (if announced inspection)
yes	
<input checked="" type="checkbox"/>	1.6 Local Health Contacted
Local health contacted but did not participate	
<input type="checkbox"/>	1.7 Other

NA	
<input type="checkbox"/>	2.14 Other

3. SIGNS REQUIRED / PROPERLY POSTED

<input checked="" type="checkbox"/>	3.1 Operating Days / Hrs.
Well signed on the way into the landfill	
<input checked="" type="checkbox"/>	3.2 Directions & Procedure
On signs, looks good.	
<input checked="" type="checkbox"/>	3.3 Emergency Numbers
Posted	
<input type="checkbox"/>	3.4 List of Unacceptable Materials
<input type="checkbox"/>	3.5 Other

2. FACILITY / OPERATIONAL CONTROLS

<input checked="" type="checkbox"/>	2.1 Litter
Looked good	
<input checked="" type="checkbox"/>	2.2 Roads
Roads where in great shape	
<input checked="" type="checkbox"/>	2.3 Gate House Operations
See photos.	
<input checked="" type="checkbox"/>	2.4 Vectors
none	
<input checked="" type="checkbox"/>	2.5 Communications
Well signed on the way in see photos.	
<input type="checkbox"/>	2.6 Recycling Area
<input checked="" type="checkbox"/>	2.7 Fugitive Dust Control
Seemed real good on the day of the site visit.	
<input checked="" type="checkbox"/>	2.8 Waste Inspection Area
Occur at the working face	
<input checked="" type="checkbox"/>	2.9 Scavenging Control
Not allowed	
<input checked="" type="checkbox"/>	2.10 Open Burning
Not allowed	
<input checked="" type="checkbox"/>	2.11 Fences, Gates, Locks, Access Control
Looked great, see photos.	
<input checked="" type="checkbox"/>	2.12 Working Face
See Photos.	
<input checked="" type="checkbox"/>	2.13 Leachate Collection System

4. OPERATOR / REPRESENTATIVE / EMPLOYEES

<input checked="" type="checkbox"/>	4.1 On-site while open
Always employees on site during business hours.	
<input checked="" type="checkbox"/>	4.2 Training
Ok	
<input type="checkbox"/>	4.3 Other

5. MONITORING

<input type="checkbox"/>	5.1 Methane
<input type="checkbox"/>	5.2 Random Inspections
<input checked="" type="checkbox"/>	5.3 Leachate
NA	
<input checked="" type="checkbox"/>	5.4 Ground Water
NA	
<input type="checkbox"/>	5.5 Other

6. DRAINAGE / EROSION

<input checked="" type="checkbox"/>	6.1 Water Run-on
Looked great	
<input checked="" type="checkbox"/>	6.2 Water Run-off

SOLID WASTE FACILITY INSPECTION REPORT

Date: 4/1/09

Facility Name: Contract Environmental Services Landfill

No sign of any run-off problems	
<input type="checkbox"/>	6.3 Other

7. PROPER STORAGE / ISOLATION / DISPOSAL	
<input checked="" type="checkbox"/>	7.1 Special Waste
Documentation from the generator must be provided prior to being accepted by the landfill.	
<input checked="" type="checkbox"/>	7.2 Batteries
NA	
<input checked="" type="checkbox"/>	7.3 Hazardous Waste
Not accepted.	
<input checked="" type="checkbox"/>	7.4 Infectious Waste
NA	
<input checked="" type="checkbox"/>	7.5 Tires
NA	
<input checked="" type="checkbox"/>	7.6 Dead Animals
NA	
<input checked="" type="checkbox"/>	7.7 Asbestos
Properly managed see photos.	
<input checked="" type="checkbox"/>	7.8 Bulky Waste
C&D cell, see photos.	
<input checked="" type="checkbox"/>	7.9 Contaminated Soil
A separate area is maintained for contaminated soils. See photos.	
<input type="checkbox"/>	7.10 Ash
<input type="checkbox"/>	7.11 Sludge
<input type="checkbox"/>	7.12 Other

8. COVER	
<input checked="" type="checkbox"/>	8.1 Daily - Soil
Looks good. See photos of the working face.	
<input checked="" type="checkbox"/>	8.2 Daily - Alternative
Not used.	
<input checked="" type="checkbox"/>	8.3 Intermediate
Adequate.	
<input checked="" type="checkbox"/>	8.4 Final
Not used yet.	
<input type="checkbox"/>	8.5 Vegetation
<input type="checkbox"/>	8.6 Other

9. INSPECTION RECORDS	
<input checked="" type="checkbox"/>	9.1 Random Inspection Report
Reviewed these documents at the scale house. looks good.	
<input checked="" type="checkbox"/>	9.2 Gas Monitoring System
NA	
<input checked="" type="checkbox"/>	9.3 Surface Drainage Control
Looks good	
<input checked="" type="checkbox"/>	9.4 Daily Records
Looks good.	
<input checked="" type="checkbox"/>	9.5 Weight or Volumes
All loads are weighed	
<input type="checkbox"/>	9.6 Intermediate Cover

<input type="checkbox"/>	9.7 Final Cover
<input type="checkbox"/>	9.8 Self Inspection (Quarterly) Reports
<input type="checkbox"/>	9.9 Deviation from Plans
<input type="checkbox"/>	9.10 Permit, Permit Application and Rules Available
<input type="checkbox"/>	9.11 Other

10. MONITORING / SAMPLING / ANALYSIS RECORDS	
<input checked="" type="checkbox"/>	10.1 Explosive Gas Monitoring
NA	
<input checked="" type="checkbox"/>	10.2 Leachate Sampling & Treatment
NA	
<input checked="" type="checkbox"/>	10.3 Ground Water Sampling Results
NA	
<input type="checkbox"/>	10.4 Other

11. SPECIAL WASTE RECORDS	
<input type="checkbox"/>	11.1 Lab Analysis Results
<input checked="" type="checkbox"/>	11.2 Manifests
Most of the records are kept at the main office in Cortez, Colorado	
<input type="checkbox"/>	11.3 Treatment Certification
<input type="checkbox"/>	11.4 Paint Filter Test Results
<input type="checkbox"/>	11.5 Onsite Treatment Documentation
<input type="checkbox"/>	11.6 Other

12. SPECIAL PERMIT REQUIREMENTS	
<input type="checkbox"/>	12.1
<input type="checkbox"/>	12.2
<input type="checkbox"/>	12.3

13. OTHER ITEMS	
<input checked="" type="checkbox"/>	13.1 Notice of Inspections Form Completed and Signed
Yes.	
<input type="checkbox"/>	13.2
<input type="checkbox"/>	13.3
<input type="checkbox"/>	13.4
<input type="checkbox"/>	13.5

DSHW Inspector Signature:

DSHW Inspector Name (type or print): Rob Powers

Date: 4/14/09



Entrance sign to the landfill



Petroleum contaminated soils that are land farmed on site



Entrance to the Asbestos landfill cell



Asbestos landfill cell



Construction and Demolition landfill cell



JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

State of Utah
Department of
Environmental Quality

Dianne R. Nielson, Ph.D.
Executive Director

DIVISION OF SOLID AND
HAZARDOUS WASTE
Dennis R. Downs
Director

December 6, 2005

Shawn Adams
Contract Environmental Services, Inc.
410 North Auburn
Farmington, New Mexico 87401

Subject: November 2, 2005 Landfill Inspection

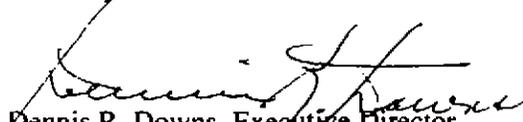
Dear Mr. Adams:

On November 2, 2005, Mr. Jeff Emmons, with the solid waste section of the Division of Solid and Hazardous Waste, conducted an unannounced inspection of the Contract Environmental Services' Class V Landfill. This was a routine inspection to determine compliance with the *Utah Solid Waste Permitting and Management Rules* (Rules) and the landfill permit.

The inspection began at approximately 9:15 a.m. and ended at approximately 10:45 a.m. Operationally, the landfill appeared to be well operated with good documentation. No deficiencies were observed with the minor exception of a small, two square foot, piece of plastic that was exposed at the working face. The exposed plastic was the result of erosion from a recent heavy rainstorm. The plastic was covered prior to the owner leaving the site. A copy of the inspection report is enclosed.

If you have any questions regarding the inspection or any solid waste issues, please contact Ralph Bohn at 801-538-6794 or by email at rbohn@utah.gov

Sincerely,


Dennis R. Downs, Executive Director
Utah Solid & Hazardous Waste Control Board

DRD/je/kk

Enclosure: Inspection Report

c: David Cunningham, RN, MSN, Health Officer, Southeastern Utah Health Department
David Ariotti, DEQ District Engineer
Rick Meyers, Southeastern Utah District Health Department

SOLID WASTE FACILITY INSPECTION REPORT CHECKLIST

UTAH DIVISION OF SOLID & HAZARDOUS WASTE

Facility Name Contract Environmental Services Inc. Class V Landfill County San Juan
 Location About 19 miles north of Aneth, Utah and about 1 mile west of Hovenweep Stone Tower site.
 Inspection Date 11/2/05 Time In 9:45 am Time Out 10:45 am
 Routine Oversight Follow up Monitoring Evaluation Facility Status Construction Review
 Announced Unannounced Weather Conditions Clear sky, calm winds
 Inspection Goal Determine compliance with the Utah Solid Waste Permitting and Management Rules and the Permit
 Facility Contact Shawn Adams, Owner
 Participants Shawn Adams, Contract Env. Services and Jeff Emmons, DSHW
 FOLLOW UP INSPECTION NEEDED Yes No Recommended Follow Up Date _____

(X - indicates items reviewed)

1. PRE-INSPECTION REVIEW

<input checked="" type="checkbox"/>	1.1 Permit Review	Permit was approved 2-16-05. First load of waste received in May 2005.
<input checked="" type="checkbox"/>	1.2 Annual Report Review	N/A This is the first year of operation. Annual Report is not due until March 1, 2006
<input checked="" type="checkbox"/>	1.3 Previous Inspection Review	N/A This is the 1 st inspection.
<input checked="" type="checkbox"/>	1.4 Facility Contacts Confirmed	Contact is Shawn Adams.
<input checked="" type="checkbox"/>	1.5 Facility Contacted (if announced inspection)	Facility was contacted prior to inspection.
<input checked="" type="checkbox"/>	1.6 Local Health Contacted	Contacted prior to the inspection but did not participate.
<input type="checkbox"/>	1.7 Other	

<input checked="" type="checkbox"/>	2.12 Working Face	Working face is minimized.
<input checked="" type="checkbox"/>	2.13 Leachate Collection System	N/A
<input type="checkbox"/>	2.14 Other	

3. SIGNS REQUIRED / PROPERLY POSTED

<input checked="" type="checkbox"/>	3.1 Operating Days / Hrs.	By appointment only.
<input checked="" type="checkbox"/>	3.2 Directions & Procedure	Provided.
<input checked="" type="checkbox"/>	3.3 Emergency Numbers	Provided
<input checked="" type="checkbox"/>	3.4 List of Unacceptable Materials	Provided
<input type="checkbox"/>	3.5 Other	

2. FACILITY / OPERATIONAL CONTROLS

<input checked="" type="checkbox"/>	2.1 Litter	No litter has escaped from the site. Only the asbestos cell is open. C/D cell has not received any waste.
<input checked="" type="checkbox"/>	2.2 Roads	Access roads are in good shape.
<input checked="" type="checkbox"/>	2.3 Gate House Operations	Operator shack is onsite. Facility is only open by appointment.
<input checked="" type="checkbox"/>	2.4 Vectors	No vectors present.
<input checked="" type="checkbox"/>	2.5 Communications	Cell phone is always with landfill personnel.
<input checked="" type="checkbox"/>	2.6 Recycling Area	N/A
<input checked="" type="checkbox"/>	2.7 Fugitive Dust Control	Site traffic is very limited. 38 truck loads since May 2005.
<input checked="" type="checkbox"/>	2.8 Waste Inspection Area	Waste inspections are conducted on every load at the working face.
<input checked="" type="checkbox"/>	2.9 Scavenging Control	Public does not have access to the site and scavenging is prohibited.
<input checked="" type="checkbox"/>	2.10 Open Burning	No evidence of any open burning.
<input checked="" type="checkbox"/>	2.11 Fences, Gates, Locks, Access Control	Perimeter fence is in good shape. Gate is locked.

4. OPERATOR / REPRESENTATIVE / EMPLOYEES

<input checked="" type="checkbox"/>	4.1 On-site while open	Employees always onsite when open.
<input checked="" type="checkbox"/>	4.2 Training	Any training will be documented on the annual report. Shawn is knowledgeable and well organized.
<input type="checkbox"/>	4.3 Other	

5. MONITORING

<input checked="" type="checkbox"/>	5.1 Methane	N/A
<input checked="" type="checkbox"/>	5.2 Random Inspections	Each load is inspected.
<input checked="" type="checkbox"/>	5.3 Leachate	N/A
<input checked="" type="checkbox"/>	5.4 Ground Water	N/A
<input type="checkbox"/>	5.5 Other	

SOLID WASTE FACILITY INSPECTION REPORT

Date: 11/2/05

Facility Name: Contract Environmental Services Inc. Class V Landfill

6. DRAINAGE / EROSION

<input checked="" type="checkbox"/>	6.1 Water Run-on
Disposal cell is bermed along the perimeter to prevent contact with the waste.	
<input checked="" type="checkbox"/>	6.2 Water Run-off
Disposal cell is bermed. Run-off water from the disposal cell does not leave the disposal cell.	
<input type="checkbox"/>	6.3 Other

7. PROPER STORAGE / ISOLATION / DISPOSAL

<input checked="" type="checkbox"/>	7.1 Special Waste
N/A	
<input checked="" type="checkbox"/>	7.2 Batteries
N/A	
<input checked="" type="checkbox"/>	7.3 Hazardous Waste
N/A	
<input checked="" type="checkbox"/>	7.4 Infectious Waste
N/A	
<input checked="" type="checkbox"/>	7.5 Tires
N/A	
<input checked="" type="checkbox"/>	7.6 Dead Animals
N/A	
<input checked="" type="checkbox"/>	7.7 Asbestos
Facility is approved to take friable asbestos. Facility is also inspected by Div. of Air Quality. Water tank is onsite to wet material if needed.	
<input checked="" type="checkbox"/>	7.8 Bulky Waste
N/A	
<input checked="" type="checkbox"/>	7.9 Contaminated Soil
Facility has an approved plan of operation to remediate UST soil. Facility takes contaminated soils from oil & gas fields which are regulated by the Utah Division of Oil, Gas, & Mining.	
<input checked="" type="checkbox"/>	7.10 Ash
N/A	
<input checked="" type="checkbox"/>	7.11 Sludge
N/A	
<input checked="" type="checkbox"/>	7.12 Other
Facility is approved to take construction/demolition waste. To date, no C/D waste has been received.	

8. COVER

<input checked="" type="checkbox"/>	8.1 Daily - Soil
Asbestos is covered immediately. A small piece of exposed plastic (1 X2) needs to have cover soil. Exposed plastic was due to erosion of loose soil during a rain storm.	
<input checked="" type="checkbox"/>	8.2 Daily - Alternative
N/A	
<input checked="" type="checkbox"/>	8.3 Intermediate
Intermediate cover was in good shape. No exposed waste.	
<input checked="" type="checkbox"/>	8.4 Final
Final cover has not been applied yet.	
<input checked="" type="checkbox"/>	8.5 Vegetation
Since final cover has not been applied, no vegetation standards apply.	
<input type="checkbox"/>	8.6 Other

9. INSPECTION RECORDS

<input checked="" type="checkbox"/>	9.1 Random Inspection Report
Every load is inspected. Visual examination is documented	
<input checked="" type="checkbox"/>	9.2 Gas Monitoring System

N/A	
<input checked="" type="checkbox"/>	9.3 Surface Drainage Control
Inspected as part of the Quarterly Inspections.	
<input checked="" type="checkbox"/>	9.4 Daily Records
Daily records are well organized and retrievable.	
<input checked="" type="checkbox"/>	9.5 Weight or Volumes
Records of weight and volume is maintained.	
<input checked="" type="checkbox"/>	9.6 Intermediate Cover
Inspected as part of the Quarterly Inspections.	
<input checked="" type="checkbox"/>	9.7 Final Cover
N/A	
<input checked="" type="checkbox"/>	9.8 Self Inspection (Quarterly) Reports
Since opening, the quarterly inspection have been conducted on a bimonthly basis.	
<input checked="" type="checkbox"/>	9.9 Deviation from Plans
N/A	
<input checked="" type="checkbox"/>	9.10 Permit, Permit Application and Rules Available
Permit, Application and Rules are available onsite.	
<input type="checkbox"/>	9.11 Other

10. MONITORING / SAMPLING / ANALYSIS RECORDS

<input checked="" type="checkbox"/>	10.1 Methane Monitoring
N/A	
<input checked="" type="checkbox"/>	10.2 Leachate Sampling & Treatment
N/A	
<input checked="" type="checkbox"/>	10.3 Ground Water Sampling Results
N/A	
<input type="checkbox"/>	10.4 Other

11. SPECIAL WASTE RECORDS

<input checked="" type="checkbox"/>	11.1 Lab Analysis Results
N/A	
<input checked="" type="checkbox"/>	11.2 Manifests
Waste shipment records are maintained for each load.	
<input checked="" type="checkbox"/>	11.3 Treatment Certification
N/A	
<input checked="" type="checkbox"/>	11.4 Paint Filter Test Results
N/A	
<input checked="" type="checkbox"/>	11.5 Onsite Treatment Documentation
N/A	
<input type="checkbox"/>	11.6 Other

12. SPECIAL PERMIT REQUIREMENTS

<input type="checkbox"/>	12.1
<input type="checkbox"/>	12.2
<input type="checkbox"/>	12.3

13. OTHER ITEMS

<input type="checkbox"/>	13.1 Notice of Inspections Form Completed and Signed
Signed Notice of Inspection was left with Mr. Adams.	
<input checked="" type="checkbox"/>	13.2
Due to the remote location and the facility only being opened on appointment. Shawn Adams gave verbal permission for DSHW employees to come onsite without an escort.	
<input type="checkbox"/>	13.3

SOLID WASTE FACILITY INSPECTION REPORT

Date: 11/2/05

Facility Name: Contract Environmental Services Inc. Class V Landfill

<input type="checkbox"/>	13.4
--------------------------	------

<input type="checkbox"/>	13.5
--------------------------	------

DSHW Inspector Signature: *Jeff Emmons*

DSHW Inspector Name (type or print): Jeff Emmons Date: 12/6/05

Attachment E
Landfill Site Inspection Form

ASBESTOS LANDFILL SITE INSPECTION FORM

Soil conditions overlying asbestos bags ? Affected by erosion ? yes no
Affected by wind ? yes no
Affected by rodents ? yes no

Landfill cell(s) needing attention _____ remedied by what type of equipment

Water visible at Asbestos Landfill cell working face ? yes no

Plastic visible at Asbestos Landfill cell working face ? yes no

Date re-covered _____ Secondary cover added _____

UST remediated soil O & G remediated soil Virgin soil from LF

Topsoil replaced ? _____ Amount _____ Seeded _____

Vegetation taking hold? _____ describe _____

Types of plants noticed? _____

Describe condition? _____

Date: _____ Time: _____ Inspector: _____

Recommended response action _____

Equipment used to remedy: _____

Operator: _____ Respirator protection required ? _____

Water spray added while unloading? _____

Berm Status ? _____

Closest LF cell to berm location needing attention? _____

Weather conditions _____

Visitor Sign In _____

Cubic yards unloaded _____ Bags _____

Condition _____

Other Comments : _____

Attachment F
Financial Assurance

Citizens Bank

500 West Broadway, Post Office Box 4140
Farmington, New Mexico 87499-4140
505-599-0100

IRREVOCABLE STANDBY LETTER OF CREDIT NO. 2248

DATE: May 17, 2009

EXPIRATION DATE: May 17, 2010

CORPORATION NAME: Contract Environmental
Services, Inc.

FACILITY NAME: CES Asbestos Landfill

FACILITY PERMIT NO. 0405

Executive Secretary, Solid and Hazardous Waste Control Board of the State of Utah
PO Box 144880
Salt Lake City, Utah 84114-4880

We hereby issue our IRREVOCABLE STANDBY LETTER OF CREDIT No. 2248 in your favor on behalf of **Contract Environmental Services, Inc.**, hereinafter known as the Company, for a sum of **Thirty-Eight Thousand U.S. dollars \$38,000**, available by your drafts at sight drawn on our institution **Citizens Bank of Farmington**. Drafts must be marked "Drawn under IRREVOCABLE STANDBY LETTER OF CREDIT No. 2248," dated today's date.

This IRREVOCABLE STANDBY LETTER OF CREDIT is issued to provide financial assurance to the Executive Secretary of the Solid and Hazardous Waste Control Board for the cost of closure, post-closure maintenance and monitoring, and if necessary, corrective action pursuant to Utah Code Annotated 19-6-108(9)c and Utah Administrative Code (UAC) R315-309-3(6), for the solid waste disposal facility known as:

CES Asbestos Landfill

Located at:

19 miles North of Aneth, Utah. NE1/4 Section 18, Township 39S, Range 6 W
San Juan County, Utah

Requests to draw on this IRREVOCABLE STANDBY LETTER OF CREDIT must be accompanied by the following documents:

1. Your signed statement as follows: I, (Executive Secretary), certify that I have issued a Notice of Violation or other order to the Company indicating that the Company has failed to comply with the closure, post-closure maintenance and monitoring, or corrective action requirements of UAC R315-301 through 320.

and

2. A copy of the Notice of Violation or other order issued to the Company by the Executive Secretary,

Main Office
500 W. Broadway
Farmington NM 87401

San Juan Office
2911 E. 20th St.
Farmington, NM 87401

Smith's Office
600 E 20th St
Farmington, NM 87401

Animas Valley Office
4220 Hudson St
Farmington NM 87402

Aztec Office
215 S. Main Ave
Aztec NM 87410

Bloomfield Office
320 W Broadway
Bloomfield NM 87413

or

- 3. Your signed statement as follows: I, _____ Executive Secretary certify that the Company has failed to provide the Executive Secretary with an extension of Letter of Credit No. 2248 , or with an acceptable replacement irrevocable standby letter of credit or other acceptable financial assurance within the 90 days of receipt of the expiration or cancellation notice by the issuing institution.

and

- 4. Your sight draft, bearing reference to this IRREVOCABLE STANDBY LETTER OF CREDIT No. 2248.

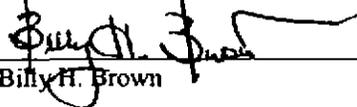
Partial drawings are permitted. This original IRREVOCABLE STANDBY LETTER OF CREDIT No. 2248 must be submitted to us together with any drawings hereunder for our endorsement of any payments effected by us and/or cancellation.

This IRREVOCABLE STANDBY LETTER OF CREDIT is effective as of May 17, 2009 and shall expire on May 17, 2010, but such expiration date shall be automatically extended for a period of at least one year on May 17, 2010 and on each successive expiration date, unless the issuing institution has cancelled the IRREVOCABLE STANDBY LETTER OF CREDIT by sending notice of cancellation by certified mail to the Executive Secretary and the company 120 days in advance of cancellation.

In the event the Executive Secretary is so notified, any unused portion of the credit shall be available upon presentation of a sight draft for 120 days after the date of receipt by both the Executive Secretary and Contract Environmental Services, Inc. as shown on the signed return receipts.

Whenever this IRREVOCABLE STANDBY LETTER OF CREDIT is drawn on under and in compliance with the terms of this credit, we shall duly honor such draft upon presentation to us, and we shall deposit the amount of the draft directly into a STANDBY TRUST of the Contract Environmental Services, Inc. in accordance with the Executive Secretary's instructions.

The ISSUING INSTITUTION further warrants that this IRREVOCABLE STANDBY LETTER OF CREDIT conforms in all respects with the requirements Utah Administrative Code R315-309, as applicable and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of this IRREVOCABLE STANDBY LETTER OF CREDIT that is inconsistent with such regulations is hereby amended to eliminate such inconsistency.



 Billy H. Brown

 Signature

 Vice President

 Title

 Citizens Bank

 Institution

 P.O. Box 4140, Farmington, NM 87401

 Address

This IRREVOCABLE STANDBY LETTER OF CREDIT No. 2248 is subject to the most recent edition of the Uniform Customs and Practice for Documentary Credits, published and copyrighted by the International Chamber of Commerce, "or" the Uniform Commercial Code.

received
5/12/99

Form 4E

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

BOND NUMBER NGL43029606

SURETY BOND
EXPLORATION AND PRODUCTION WASTE DISPOSAL FACILITY

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) Contract Environmental Services, Inc. as Principal
and

(surety name) Hanover Insurance Company as Surety, duly authorized
and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

ten thousand dollars (\$ 10,000.00)

lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and severally by these presents

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the construction and/or operation of a waste disposal facility in the State of Utah, for the purpose of disposal of exploration and production wastes for the following described facility and land:

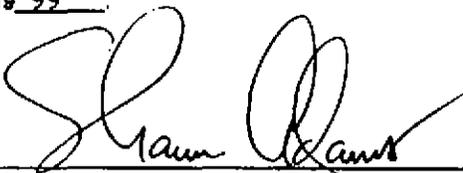
Facility: Commercial Landfarm
Section: 18 Township: 39S Range: 26E
County: San Juan, Utah

NOW, THEREFORE, if the Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper maintenance and operation of the above listed facility in such a manner as not to cause pollution of the waters of the state or other adverse environmental impacts, and upon abandonment of the facility and the proper closure of the facility site, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized officers and its corporate seal to be affixed this

12th day of May, 19 99

(Seal)


Principal

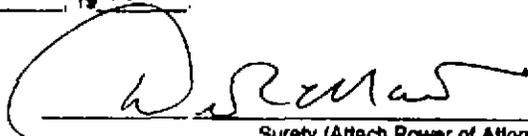
By Shawn Adams, President
Name and Title

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate seal to be affixed this

12th day of May, 19 99

(Seal)




Surety (Attach Power of Attorney)

By Dennis Mathis, Attorney-in-Fact
Name and Title

21 Fairly Road

Surety's Mailing Address

Santa Fe, NM 87505

(9/98)

THE HANOVER INSURANCE COMPANY
MASSACHUSETTS BAY INSURANCE COMPANY

POWERS OF ATTORNEY
CERTIFIED COPY

KNOW ALL MEN BY THESE PRESENTS: That THE HANOVER INSURANCE COMPANY and MASSACHUSETTS BAY INSURANCE COMPANY, both being corporations organized and existing under the laws of the State of New Hampshire do hereby constitute and appoint Kenneth R. Gehrke, Dennis Mathis, Mildred J. Howle, Dianna G. Hobbs and/or Catherine Bellman ^{Harris} of Farmington, NM and each is a true and lawful Attorney(s)-in-fact to sign, execute, seal, acknowledge and deliver for, and on its behalf, and as its act and deed, at any place within the United States, or, if the following line be filled in, only within the area therein designated

any and all bonds, recognizances, undertakings, contracts of indemnity or other writings obligatory in the nature thereof, as follows:

- Any such obligations in the United States,
not to exceed One Million and No/100 (\$1,000,000) Dollars in any single instance -

And said companies hereby ratify and confirm all and whatsoever said Attorney(s)-in-fact may lawfully do in the premises by virtue of these presents.

These appointments are made under and by authority of the following Resolution passed by the Board of Directors of said Companies which resolutions are still in effect:

"RESOLVED, That the President or any Vice President, in conjunction with any Assistant Vice President, be and they are hereby authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as its acts, to execute and acknowledge for and on its behalf as Surety any and all bonds, recognizances, contracts of indemnity, waivers of citation and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company in their own proper persons." (Adopted October 7, 1981 - The Hanover Insurance Company; Adopted April 14, 1982 - Massachusetts Bay Insurance Company)

IN WITNESS WHEREOF, THE HANOVER INSURANCE COMPANY AND MASSACHUSETTS BAY INSURANCE COMPANY have caused these presents to be sealed with their respective corporate seals, duly attested by a Vice President and an Assistant Vice President, this 30th day of April, 1998.

THE HANOVER INSURANCE COMPANY
Vice President
Assistant Vice President
THE COMMONWEALTH OF MASSACHUSETTS
COUNTY OF WORCESTER) ss.

MASSACHUSETTS BAY INSURANCE COMPANY
Vice President
Assistant Vice President
MASSACHUSETTS BAY INSURANCE COMPANY
INCORPORATED
1994
NEW HAMPSHIRE

On this 30th day of April, 1998, before me came the above named Vice President and Assistant Vice President of The Hanover Insurance Company and Massachusetts Bay Insurance Company, to me personally known to be the individuals and officers described herein, and acknowledged that the seals affixed to the preceding instrument are the corporate seals of The Hanover Insurance Company and Massachusetts Bay Insurance Company, respectively, and that the said corporate seals and their signatures as officers were duly affixed and subscribed to said instrument by the authority and direction of said Corporations.

Barbara A. Garlick
Notary Public

My Commission Expires November 26, 2004

I, the undersigned Assistant Vice President of The Hanover Insurance Company and Massachusetts Bay Insurance Company, hereby certify that the above and foregoing is a full, true and correct copy of the Original Power of Attorney issued by said Companies, and do hereby further certify that the said Powers of Attorney are still in force and effect.

This Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of The Hanover Insurance Company and Massachusetts Bay Insurance Company

"RESOLVED, That any and all Powers of Attorney and Certified Copies of such Powers of Attorney and certification in respect thereto, granted and executed by the President or any Vice President in conjunction with any Assistant Vice President of the Company, shall be binding on the Company to the same extent as if all signatures therein were manually affixed, even though one or more of any such signatures thereon may be facsimile." (Adopted October 7, 1981 - The Hanover Insurance Company; Adopted April 14, 1982 - Massachusetts Bay Insurance Company)

GIVEN under my hand and the seals of said Companies, at Worcester, Massachusetts, this _____ day of _____, 19__

THE HANOVER INSURANCE COMPANY
Assistant Vice President

MASSACHUSETTS BAY INSURANCE COMPANY
Assistant Vice President

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID EG
CONTR-1

DATE (MM/DD/YYYY)
04/09/09

PRODUCER
Millennium Insurance Agency
2700 Farmington Ave Bldg A
Farmington NM 87401
Phone: 505-325-1849 Fax: 505-326-5825

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED
Contract Environmental, Inc.
Yoshi Okano
925 S. Broadway, Suite #251
Cortez CO 81321

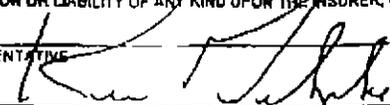
INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Ohio Casualty Group	
INSURER B: New Mexico Mutual Casualty Co.	
INSURER C: Everest Indemnity Insurance Co	
INSURER D: Empire Fire & Marine	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSURER LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
C	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR	RPKGE00152900	01/17/09	01/17/10	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (EA OCCURRENCE) \$ 50,000 MED EXP (Any one person) \$ 5,000
	<input checked="" type="checkbox"/> Pollution Liab	RPKGE00152900	01/17/09	01/17/10	PERSONAL & ADV INJURY \$ 1,000,000
	<input checked="" type="checkbox"/> Professional	RPKGE00152900	01/17/09	01/17/10	GENERAL AGGREGATE \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				PRODUCTS - COMPROP AGG \$ 1,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO	BAO53055699	02/15/09	02/15/10	COMBINED SINGLE LIMIT (Ez accident) \$ 1,000,000
	<input type="checkbox"/> ALL OWNED AUTOS				
	<input checked="" type="checkbox"/> SCHEDULED AUTOS	CL672289	11/01/08	11/01/09	BODILY INJURY (Per person) \$
	<input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS MCS-90 & CA994B				BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC AGG \$
C	EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE	RUMR000213-00	01/17/09	01/17/10	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
	<input type="checkbox"/> DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 10,000				\$ \$
B	WORKERS COMPENSATION AND EMPLOYERS LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS BELOW	42022-104	02/15/09	02/15/10	<input checked="" type="checkbox"/> WC STAT-TORY LIMITS <input type="checkbox"/> OTHER EL EACH ACCIDENT \$ 1,000,000 EL DISEASE - EA EMPLOYEE \$ 1,000,000 EL DISEASE - POLICY LIMIT \$ 1,000,000
	OTHER				
	A Auto Phys Dmg D Auto Phys Dmg	BAO53055699 CL672289	02/15/09 11/01/08	02/15/10 11/01/09	Comp Ded \$ 500 Coll Ded \$ 500

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS
Certificate Holder is an Additional Insured (except for Workers Compensation), and Waiver of Subrogation applies in favor of Certificate Holder.

CERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES
	AUTHORIZED REPRESENTATIVE Ken Gehrke 

Citizens Bank

500 West Broadway, Post Office Box 4140
Farmington, New Mexico 87499-4140
505-599-0100

RECEIVED

JAN 27 2010

UTAH DIVISION OF
SOLID & HAZARDOUS WASTE

2010.00481

January 25, 2010

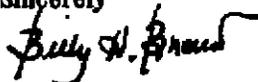
Dennis R. Downs
Executive Secretary
Solid and Hazardous Waste Control Board
P.O. Box 144880
288 North 1460 West
Salt Lake City, Utah 84114-4880

AMENDMENT TO LETTER OF CREDIT

Irrevocable Standby Letter of Credit No. 2248
Expiration Date: May 17, 2010
Corporation Name: CONTRACT ENVIRONMENTAL SERVICES, INC.
Facility Name: CES Asbestos Landfill
Facility Permit No. 0405
Location: 19 Miles North of Aneth, Utah, NE 1/4 Section 18, Township 39S, Range 6 W, San Juan County, Utah

Citizens Bank, Farmington hereby amends its Letter of Credit No 2248 issued on your behalf to read Utah Administrative Code (UAC) R315-309-7. ✓

Sincerely



Billy H. Brown
Vice President

Main Office
500 W. Broadway
Farmington, NM 87401

San Juan Office
2911 E. 20th St.
Farmington, NM 87401

Smith's Office
600 E. 20th St.
Farmington, NM 87401

Animas Valley Office
4220 Hudson St.
Farmington, NM 87402

Aztec Office
216 S. Main Ave.
Aztec, NM 87410

Bloomfield Office
320 W. Broadway
Bloomfield, NM 87413

Citizens Bank RECEIVED

FEB 01 2010

See TN200501875 for LoC #2248.

500 West Broadway, Post Office Box 4140
Farmington, New Mexico 87499-4140
505-599-0100

UTAH DIVISION OF
SOLID & HAZARDOUS WASTE
2010.00529

IRREVOCABLE STANDBY LETTER OF CREDIT NO. 2282

DATE: January 27, 2010

EXPIRATION DATE: January 27, 2011

CORPORATION NAME: Contract Environmental
Services, Inc.

FACILITY NAME: CES Asbestos Landfill

FACILITY PERMIT NO. 0405

Executive Secretary, Solid and Hazardous Waste Control Board of the State of Utah
PO Box 144880
Salt Lake City, Utah 84114-4880

We hereby issue our IRREVOCABLE STANDBY LETTER OF CREDIT No. 2282 in your favor on behalf of **Contract Environmental Services, Inc.**, hereinafter known as the Company, for a sum of **Two Thousand U.S. dollars \$2,000**, available by your drafts at sight drawn on our institution **Citizens Bank of Farmington**. Drafts must be marked "Drawn under IRREVOCABLE STANDBY LETTER OF CREDIT No. 2282," dated today's date.

This IRREVOCABLE STANDBY LETTER OF CREDIT is issued to provide financial assurance to the Executive Secretary of the Solid and Hazardous Waste Control Board for the cost of closure, post-closure maintenance and monitoring, and if necessary, corrective action pursuant to Utah Code Annotated 19-6-108(9)c and Utah Administrative Code (UAC) R315-309-7, for the solid waste disposal facility known as:

CES Asbestos Landfill

Located at:

19 miles North of Aneth, Utah. NE 1/4 Section 18, Township 39S, Range 6 W
San Juan County, Utah

Requests to draw on this IRREVOCABLE STANDBY LETTER OF CREDIT must be accompanied by the following documents:

1. Your signed statement as follows: I, (Executive Secretary), certify that I have issued a Notice of Violation or other order to the Company indicating that the Company has failed to comply with the closure, post-closure maintenance and monitoring, or corrective action requirements of UAC R315-301 through 320.

and

2. A copy of the Notice of Violation or other order issued to the Company by the Executive Secretary,

Main Office
500 W. Broadway
Farmington, NM 87401

San Juan Office
2911 E. 20th St.
Farmington, NM 87401

Smith's Office
600 E. 20th St.
Farmington, NM 87401

Animas Valley Office
4220 Hudson St.
Farmington, NM 87402

Aztec Office
215 S. Main Ave.
Aztec, NM 87410

Bloomfield Office
320 W. Broadway
Bloomfield, NM 87413

3. Your signed statement as follows: I, _____ Executive Secretary certify that the Company has failed to provide the Executive Secretary with an extension of Letter of Credit No. 2282, or with an acceptable replacement irrevocable standby letter of credit or other acceptable financial assurance within the 90 days of receipt of the expiration or cancellation notice by the issuing institution.

and

4. Your sight draft, bearing reference to this IRREVOCABLE STANDBY LETTER OF CREDIT No. 2282.

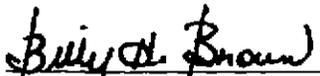
Partial drawings are permitted. This original IRREVOCABLE STANDBY LETTER OF CREDIT No. 2282 must be submitted to us together with any drawings hereunder for our endorsement of any payments effected by us and/or cancellation.

This IRREVOCABLE STANDBY LETTER OF CREDIT is effective as of January 27, 2010 and shall expire on January 27, 2011, but such expiration date shall be automatically extended for a period of at least one year on January 27, 2011 and on each successive expiration date, unless the issuing institution has cancelled the IRREVOCABLE STANDBY LETTER OF CREDIT by sending notice of cancellation by certified mail to the Executive Secretary and the company 120 days in advance of cancellation.

In the event the Executive Secretary is so notified, any unused portion of the credit shall be available upon presentation of a sight draft for 120 days after the date of receipt by both the Executive Secretary and Contract Environmental Services, Inc. as shown on the signed return receipts.

Whenever this IRREVOCABLE STANDBY LETTER OF CREDIT is drawn on under and in compliance with the terms of this credit, we shall duly honor such draft upon presentation to us, and we shall deposit the amount of the draft directly into a STANDBY TRUST of the Contract Environmental Services, Inc. in accordance with the Executive Secretary's instructions.

The ISSUING INSTITUTION further warrants that this IRREVOCABLE STANDBY LETTER OF CREDIT conforms in all respects with the requirements Utah Administrative Code R315-309, as applicable and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of this IRREVOCABLE STANDBY LETTER OF CREDIT that is inconsistent with such regulations is hereby amended to eliminate such inconsistency.


Billy H. Brown, Vice President

Citizens Bank
PO Box 4140
Farmington, NM 87401

This IRREVOCABLE STANDBY LETTER OF CREDIT No. 2282 is subject to the most recent edition of the Uniform Customs and Practice for Documentary Credits, published and copyrighted by the International Chamber of Commerce, "or" the Uniform Commercial Code.

CONTRACT ENVIRONMENTAL, INC

January 27, 2010

**Dennis R. Downs
Executive Secretary
c/o UDEQ Division of Solid and Hazardous Waste
Mail Code 4880
P.O. Box 144880
Salt Lake City, UT 84114-4880**

Dear Mr. Downs:

Attached please find Letter of Credit number 2282, issued by Citizens Bank, effective January 27, 2010.

It is submitted as part of the financial assurance requirements for the following facility.

**Permit I.D. No. 0405 CES Asbestos Landfill Closing: \$2,000
(We have previously provided a Letter of Credit in the amount of \$38,000)**

If you have any questions, please contact me at (970) 565-1198

Sincerely



**Tsuyoshi Okano
President
Contract Environmental Services, Inc.
926 S. Broadway, Suite 251
Cortez, Colorado 81321**

6

Maps

State Online Services

Agency List

Business.utah.gov

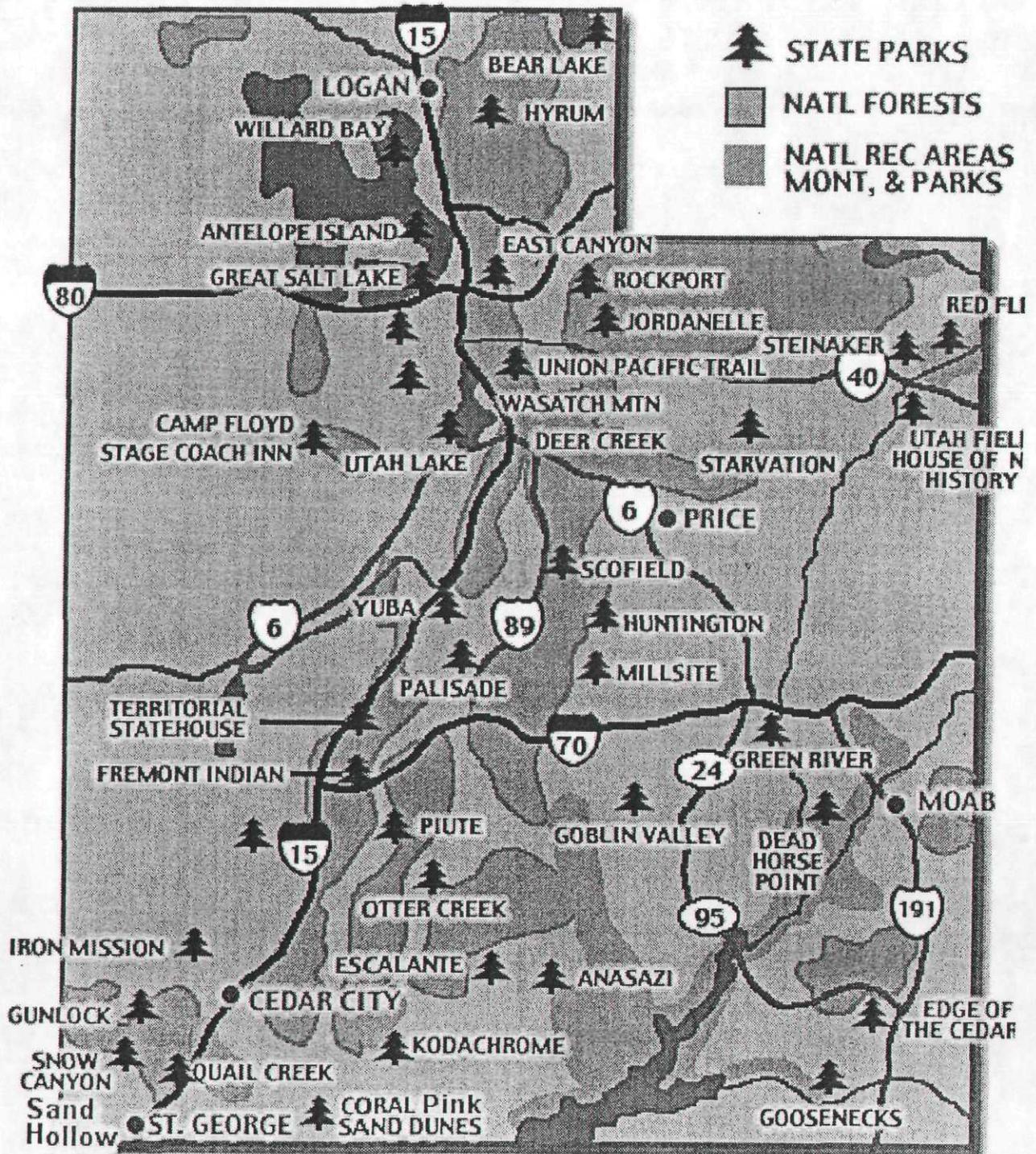
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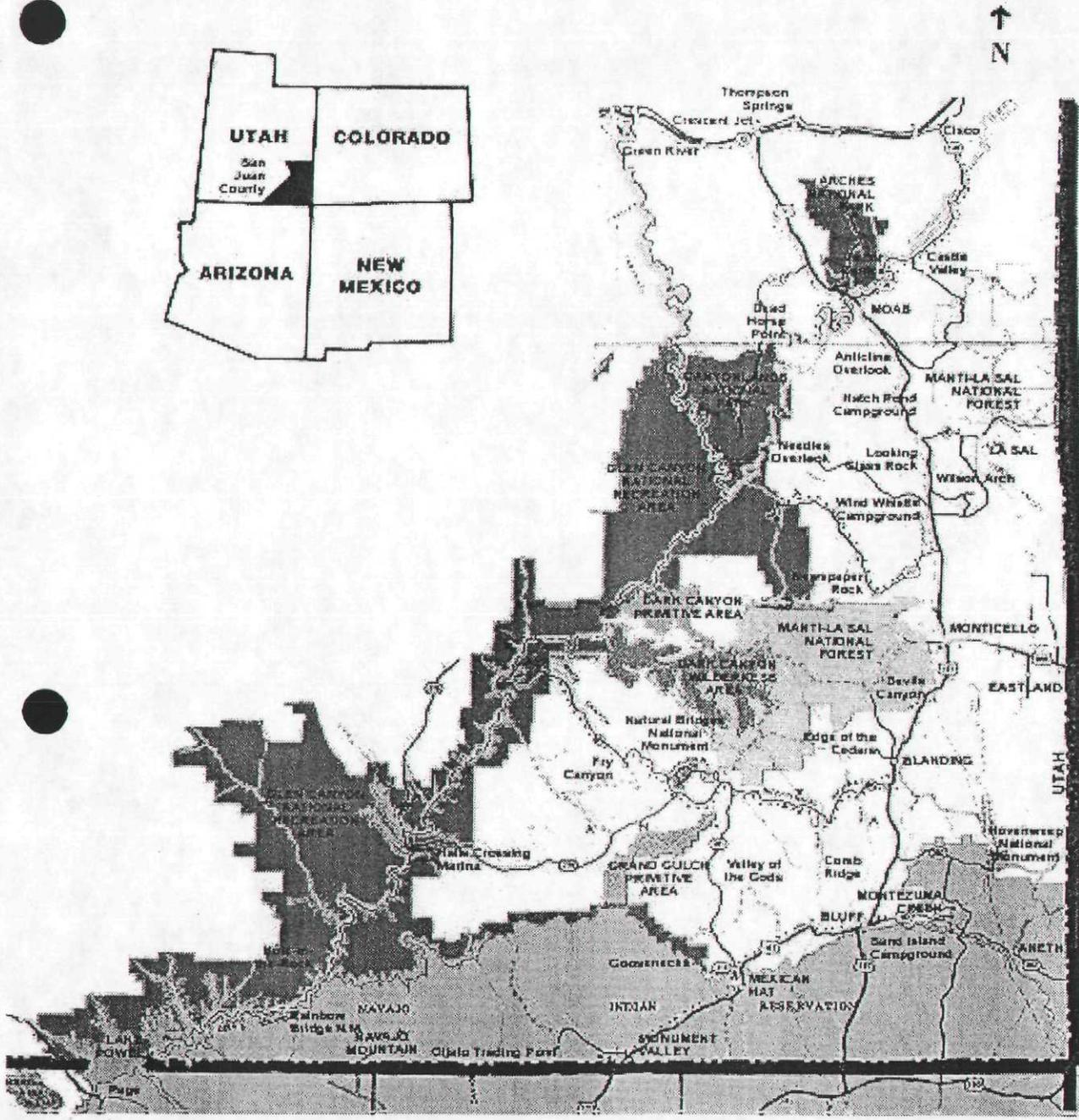
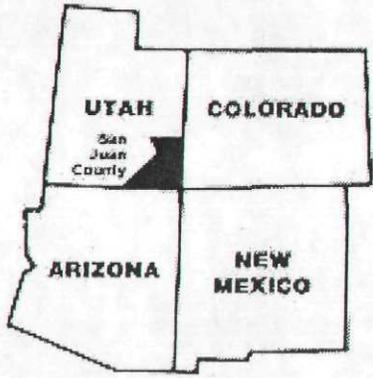
DISCOVER UTAH'S STATE PARKS AND MUSEU

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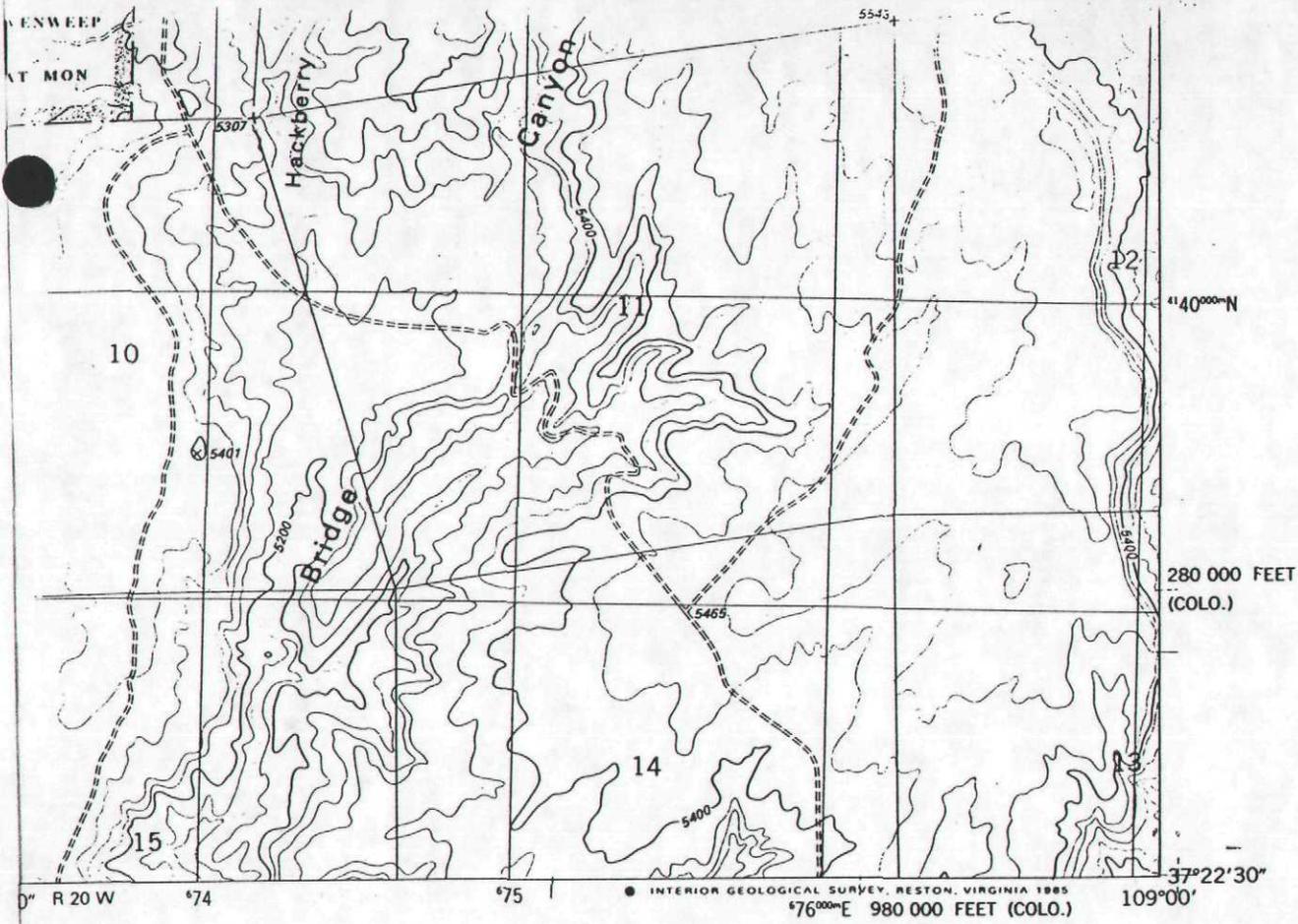




[Area Attractions](#) | [Communities](#) | [Map of the Area](#) | [Businesses](#) | [Accommodations](#) | [Camping](#) |
[Scenic Loop](#) | [Museums](#) | [Calendar](#) | [Heritage](#) | [Mileage](#) | [Visitor Information](#) | [Contact](#)

[Business](#) | [Transport/Freight](#) | [Demographic Tables](#) | [Communities](#) |
[Map of the Area](#) | [Education](#) | [Real Estate](#) | [Quality of Life](#) | [Contact](#)

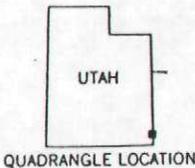
[Tourism](#) | [Relocation](#) | [Home](#)



ROAD CLASSIFICATION

- Primary highway, hard surface
- Secondary highway, hard surface
- Light-duty road, hard or improved surface
- Unimproved road
- Interstate Route
- U. S. Route
- State Route

(BOWDISH CANYON)
4238' N SW

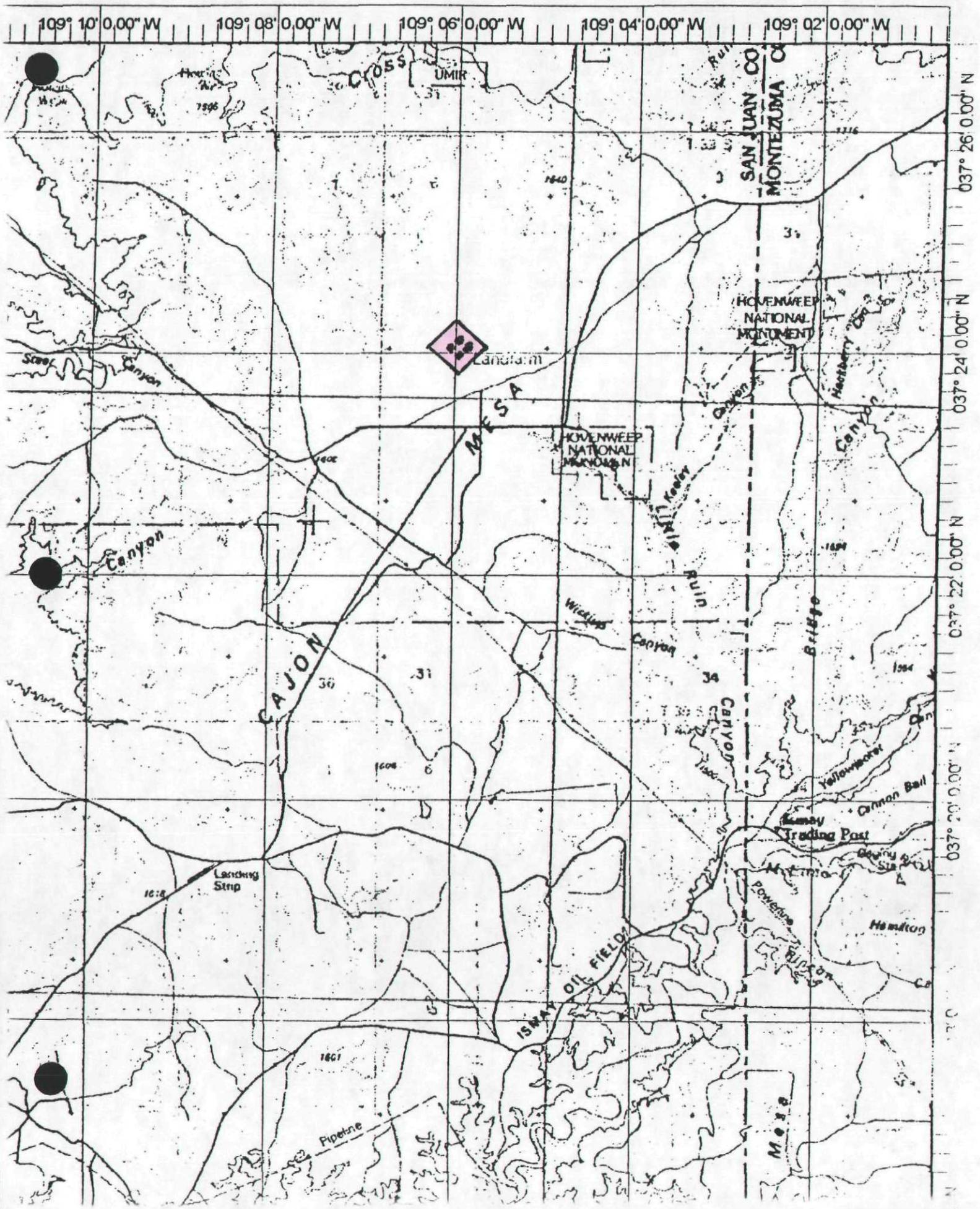


RUJIN POINT, UTAH-COLO.

NE/4 CAJON MESA 15' QUADRANGLE
37109-D1-TF-024

1985

DMA 4158 I NE-SERIES V897



109° 10' 0.00" W 109° 08' 0.00" W 109° 06' 0.00" W 109° 04' 0.00" W 109° 02' 0.00" W

37° 26' 0.00" N
37° 24' 0.00" N
37° 22' 0.00" N
37° 20' 0.00" N

CROSS UMIR

SAN JUAN CO
MONTEZUMA

HOVENWEEP NATIONAL MONUMENT

HOVENWEEP NATIONAL MONUMENT

ISMAI OIL FIELD

CAJON

MESA

Canyon

Canyon

Landing Strip

Pipeline

Powerline

Hamilton

Trading Post

Cannon Ball

Yellowwater

Widup Canyon

Ruin

Ruin

Hatchery Canyon

109° 08' 0.00" W

109° 06' 0.00" W

109° 04' 0.00" W

1605

36 CROSS

UMIR

34

SAN JUAN C
MONTEZUMA

037° 26' 0.00" N

1640

3



Landfarm

HOVEN
NATK
MONU

037° 24' 0.00" N

MESA

HOVENWEEP
NATIONAL
MONUMENT

Canyon

1902

Little
Kowley

037° 22' 0.00" N

Ruin

Wickip

Canyon

CAJON

36

31

34

CANYON

037° 00' 0.00" N

1005

1500

18



80 ACRE
TRACT

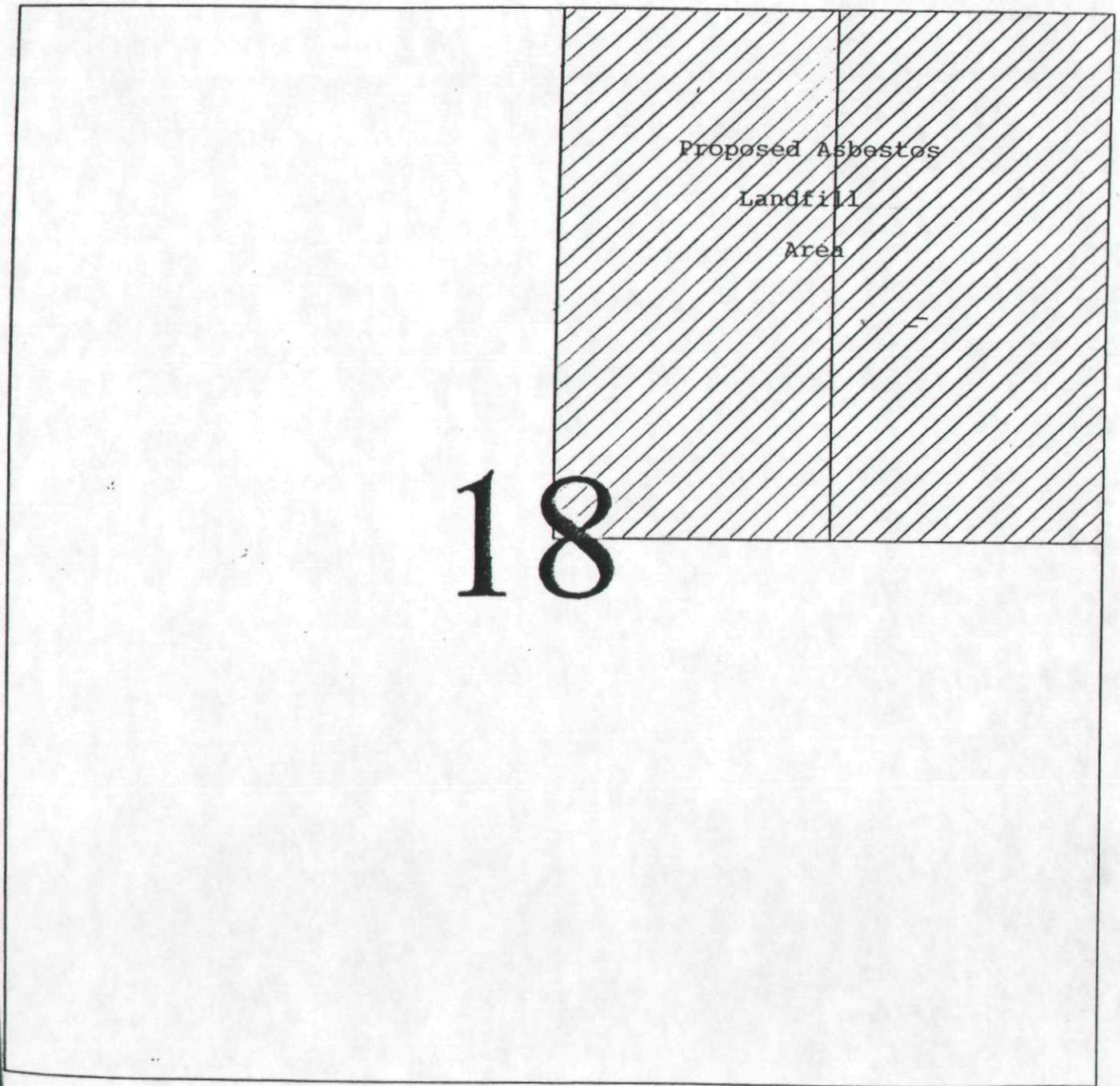
PUBLIC LANDS (BLM)

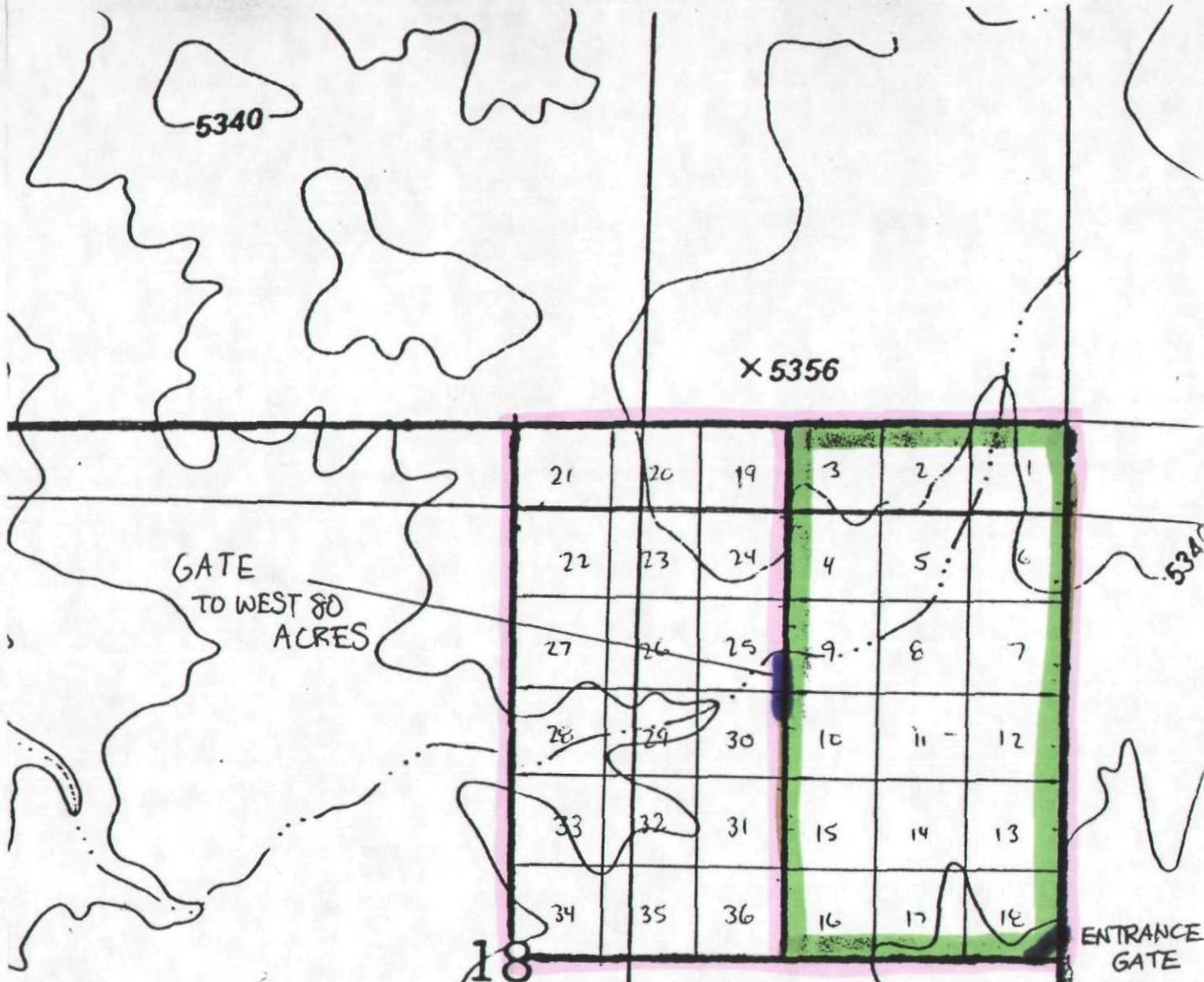
PUBLIC LANDS (BLM)

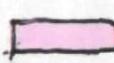
MARVIN REDBURN

<-30'->

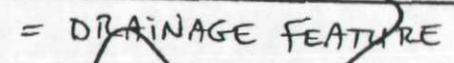
Showing the plot of the 160 acre piece of property in relation to Section 18.





 = OUTER BOUNDARY OF 160 ACRES TOTAL (FENCED)

 = 4' DIKE AROUND 1ST 80 ACRES

 = DRAINAGE FEATURE

Drill Holes

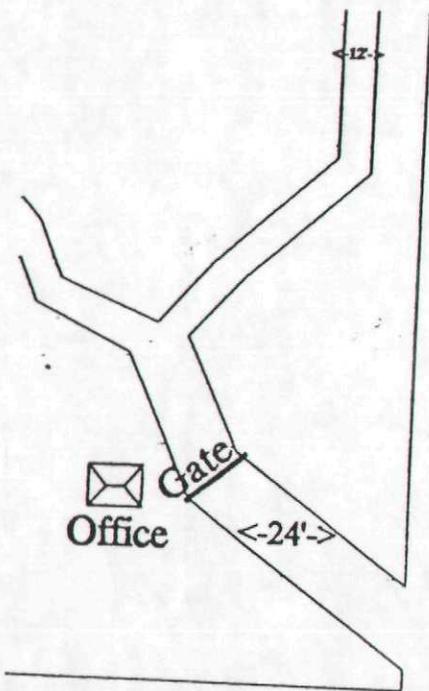
△ Monty
5341

X 5356



18

-  = C/D Cell
-  = ASBESTOS (FENCED)
-  = LANDFILL CELL #1 STARTING ON WEST SIDE OF LANDFARM CELL #10 (NUMBERED)
-  = 4' DIKE AROUND 1ST 80 ACRES
-  = DRAINAGE FEATURE



Showing Entrance and Exit to Facility.

Entrance

Exit

Figure 2. Showing Internal Road System.

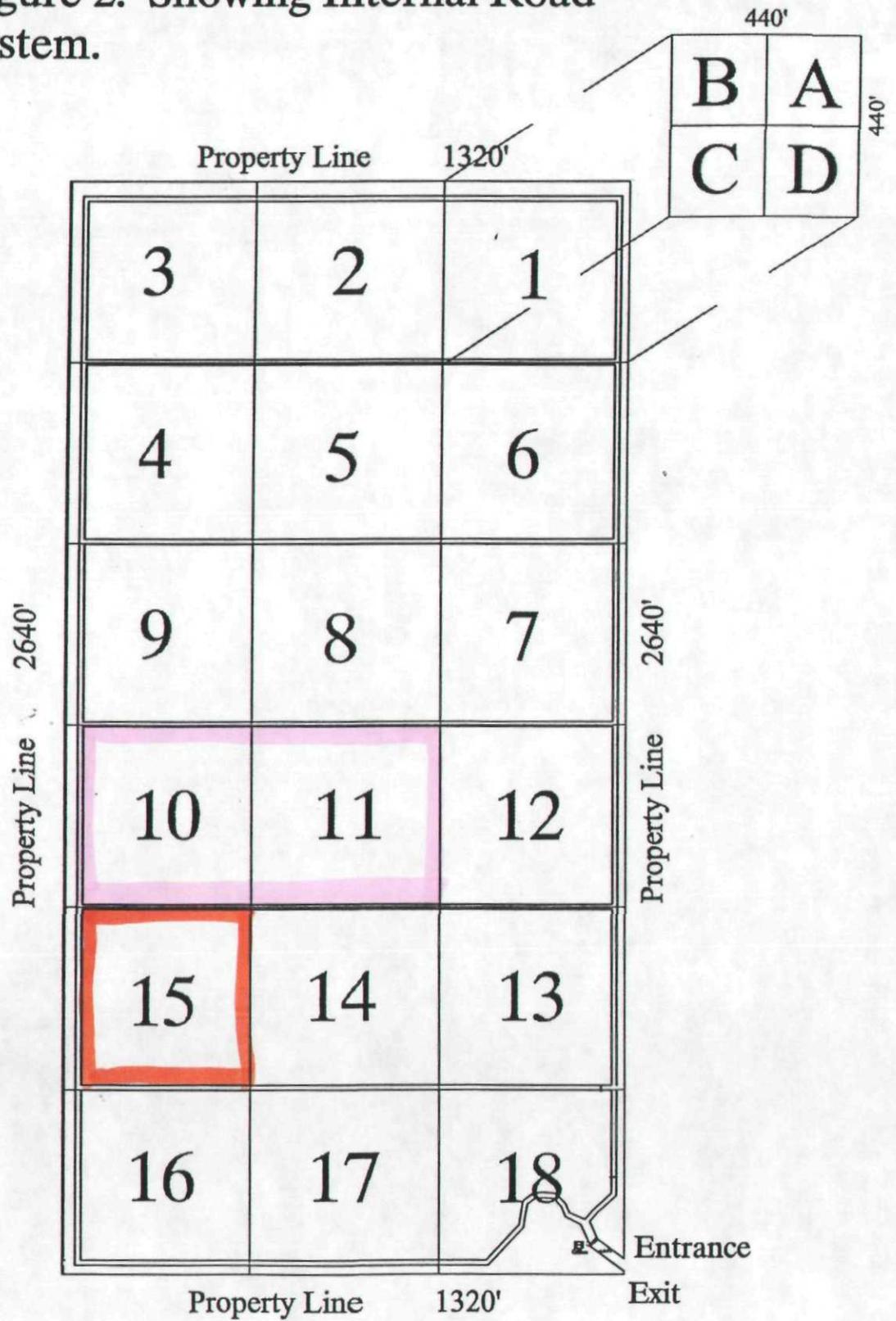
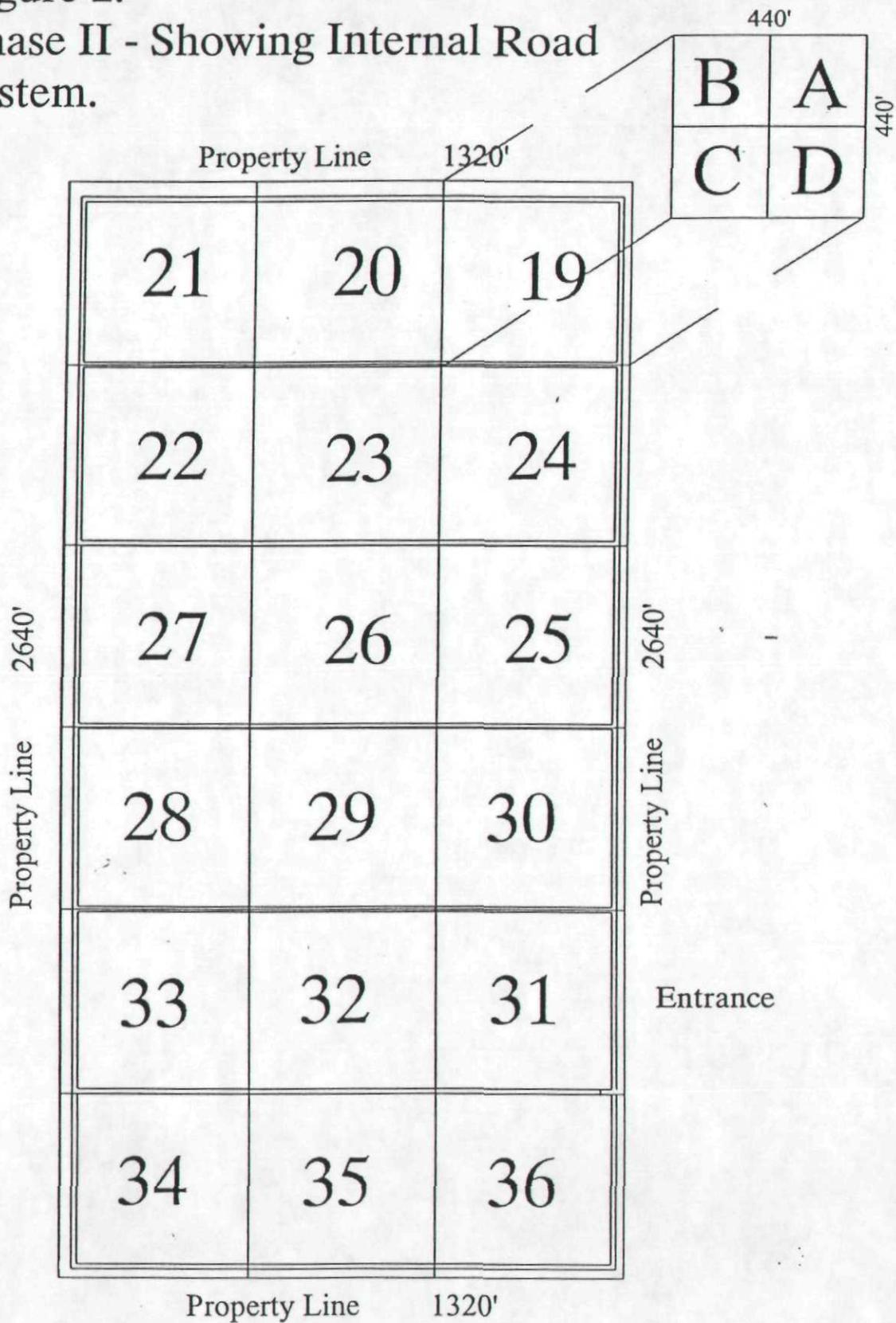
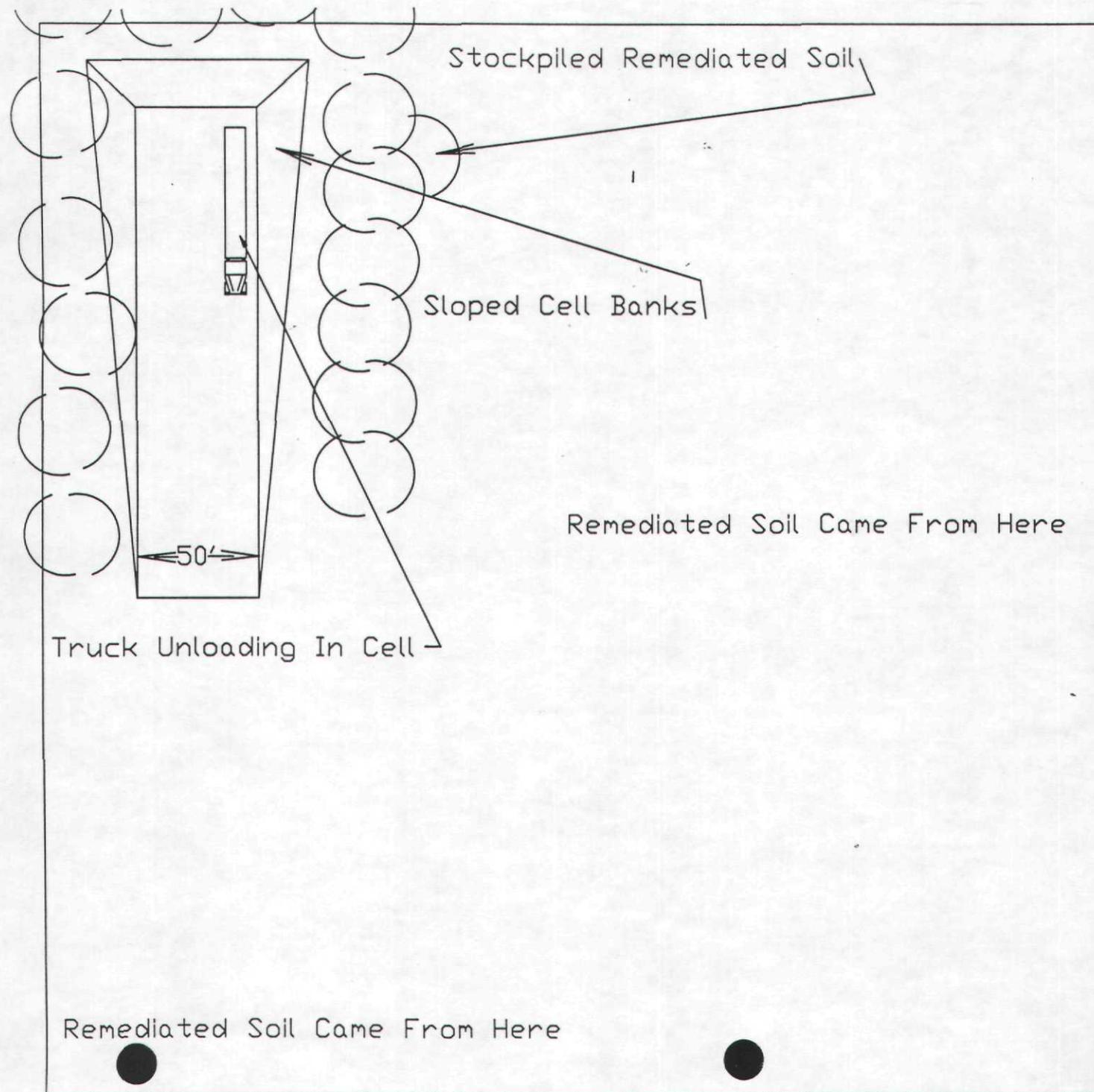


Figure 2.
Phase II - Showing Internal Road
System.







Entrance from Highway



Entrance Sign to the Landfill



Security Gate from the Entrance and Landfill Sign



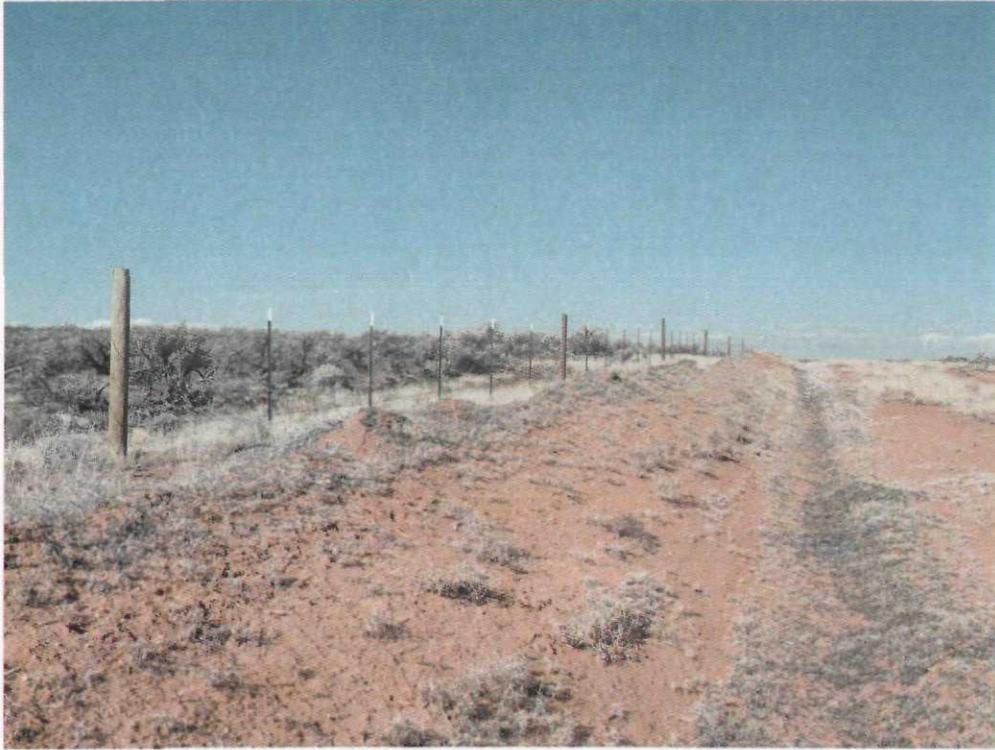
Security Gate



Entrance Gate Looking North



Entrance Gate Looking West



4 Foot Dikes surrounding the property



New Fence for the New 80 Acres (West 80)



New Fence for the New 80 Acres (West 80)



New Fence for the New 80 Acres (West 80)



New Fence for the New 80 Acres (West Corner)



West 80 Acres Entrance (Only access from inside of East 80)



Ticket Shack / Landfill Office



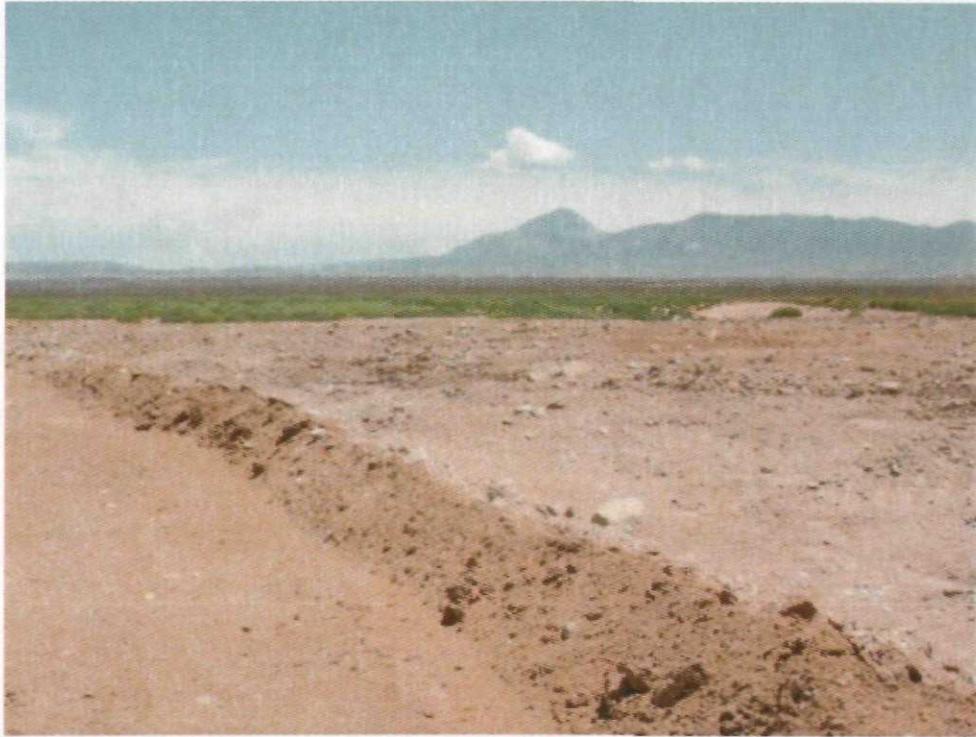
Sign on the Ticket Office



Entrance to the Asbestos Landfill Cell (Only access from inside of East 80)



Asbestos Landfill Cell



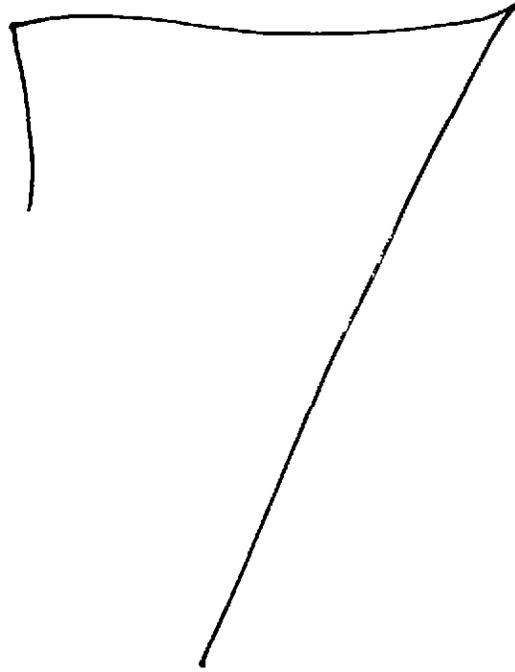
Landfarm Cells



Landfarm Cells

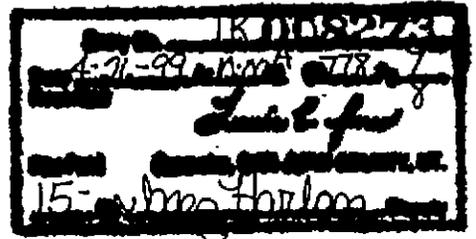


Construction and Demolition landfill cell



Property Ownership

Mail Tax Notice To: RECORDED, SAN JUAN COUNTY, UTAH
Shawn Adams
P.O. Box 3376
Farmington, NM 87499 99 APR 26 AM 10:00



15-

WARRANTY DEED

REDBURN FLYING R RANCH,
a Colorado general partnership

Grantors of Dolores, County of Montezuma, State of Colorado,
hereby Convey and Warrant to

CONTRACT ENVIRONMENTAL SERVICES, INC.

Grantee of Farmington, County of San Juan, State of New
Mexico, for the sum of Ten Dollars and other valuable consideration
the following described tract of land in San Juan County, State of
Utah, to-wit:

T39S, R26E, SLBM
Section 18: E1/2NE1/4

EXCEPTING therefrom all oil, gas and minerals.

TOGETHER with a easement for ingress and egress across the
West 30 feet of the SW1/4 of T39S, R26E, Section 17.

SUBJECT to Easements, Restrictions and Rights of Way however
evidenced.

WITNESS the hands of said Grantors this 16 day of April, 1999.

Marvin D. Redburn, Sr.
Marvin D. Redburn, Sr.
individually by Marvin D.
Redburn, Jr. personal
Representative of the Estate
of Marvin D. Redburn, Sr.

Marvin D. Redburn, Jr. - Successor trustee
Marvin D. Redburn, Jr.,
as Successor Trustee of the
Marvin D. Redburn Sr. Family
Trust, as partner

Vivian Redburn
Vivian Redburn, Partner

Marvin D. Redburn, Jr.
Marvin D. Redburn, Jr.
individually
#395268180000

Marvin D. Redburn, Jr. - trustee
Marvin D. Redburn, Jr.,
as Trustee of the Marvin D.
Redburn Jr. Family Trust, as
partner

South Eastern Utah
Title Company
Order No. 33610-25

STATE OF COLORADO)
COUNTY OF MONTEZUMA)

On this 16 day of April, 1999, personally appeared before me, Marvin D. Redburn Jr., as personal representative of the Estate of Marvin D. Redburn, Sr. and as successor trustee of the Marvin D. Redburn Sr. Family Trust, dated June 21, 1973, as amended January 25, 1985, as partner, Vivian Redburn as partner and Marvin D. Redburn Jr., individually and as trustee of the Marvin D. Redburn Jr. Family Trust dated June 20, 1975, as partner, who being by me duly sworn did say that they is the partners of Redburn Flying R Ranch, a Colorado general partnership and that the foregoing instrument was signed in behalf of said partnership by authority of the Articles of said Partnership, and said Marvin D. Redburn, Sr., Vivian Redburn and Marvin D. Redburn Jr. duly acknowledged to me that said partnership executed the same.

Notary Public
Residing at: Dolores, Colorado

My Commission expires: 2/8/02



Mail Tax Notice To:
Shawn Adams
P.O. Box 3376
Farmington, NM 87499

15-

WARRANTY DEED

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Grantors of Dolores, County of Montezuma, State of Colorado,
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T39S, R26E, SLBM
Section 18: W1/2NE1/4

EXCEPTING therefrom all oil, gas and minerals.

TOGETHER with a easement for ingress and egress across the
West 30 feet of the SW1/4 of T39S, R26E, Section 17.

SUBJECT to Easements, Restrictions and Rights of Way however
evidenced.

WITNESS the hands of said Grantors this 10th day of January, 2000.

Marvin D. Redburn, Sr.
Marvin D. Redburn, Sr.
individually by Marvin D.
Redburn, Jr. personal
Representative of the Estate
of Marvin D. Redburn, Sr.

Marvin D. Redburn, Jr. - trustee
Marvin D. Redburn, Jr.,
as Successor Trustee of the
Marvin D. Redburn Sr. Family
Trust, -as partner

Vivian Redburn
Vivian Redburn, Partner

Marvin D. Redburn, Jr.
Marvin D. Redburn, Jr.
individually

Marvin D. Redburn, Jr. - trustee
Marvin D. Redburn, Jr.,
as Trustee of the Marvin D.
Redburn Jr. Family Trust, as
partner

39S26E180600

South Eastern Utah
Title Company

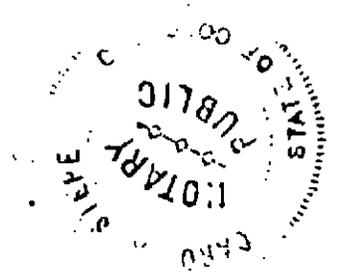
Order - No. _____

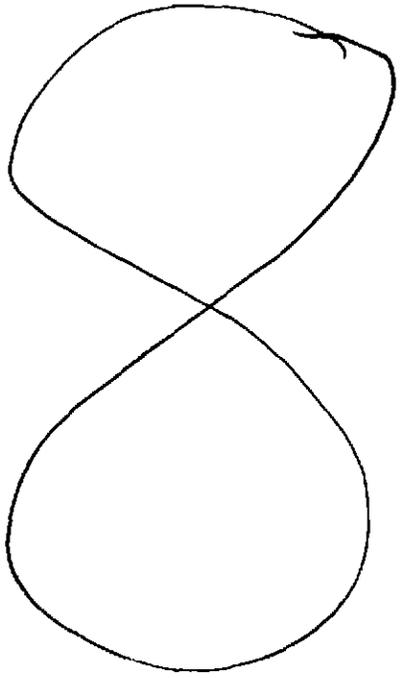
STATE OF COLORADO)
COUNTY OF MONTEZUMA)

On this 10th day of January, 2000, personally appeared before me, Marvin D. Redburn Jr., as personal representative of the Estate of Marvin D. Redburn, Sr. and as successor trustee of the Marvin D. Redburn Sr. Family Trust, dated June 21, 1973, as amended January 25, 1985, as partner, Vivian Redburn as partner and Marvin D. Redburn Jr., individually and as trustee of the Marvin D. Redburn Jr. Family Trust dated June 20, 1975, as partner, who being by me duly sworn did say that they is the partners of Redburn Flying R Ranch, a Colorado general partnership and that the foregoing instrument was signed in behalf of said partnership by authority of the Articles of said Partnership, and said Marvin D. Redburn, Sr., Vivian Redburn and Marvin D. Redburn Jr. duly acknowledged to me that said partnership executed the same.

Notary Public
Residing at: Dolores, Co
MONTEZUMA CTP.

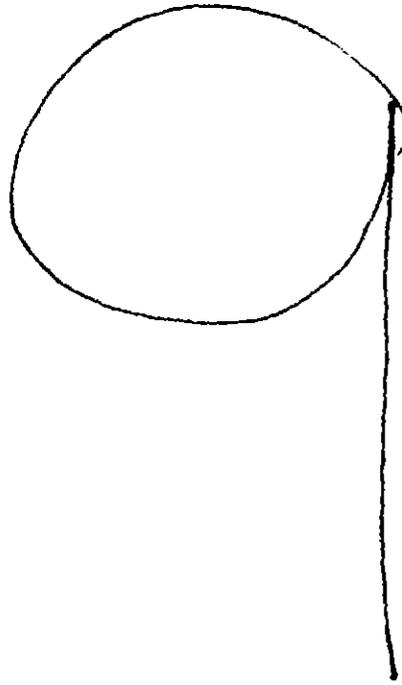
My Commission expires:
2/8/02





Property Survey

M 10' East



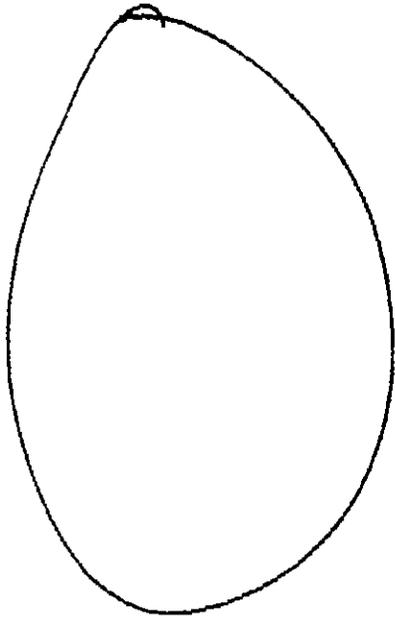
Ranking Criteria and Scores

**Evaluation Ranking Criteria and Ranking Score
 For Reserve and Onsite Pit Liner Requirements**

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75 <25 or recharge area	0 5 10 15 20	0
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	0
Distance to Nearest Municipal Well (feet) >5280 1320 to 5280 500 to 1320 <500	0 5 10 20	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	0
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	0
Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	0 5 10 15 20	0 (n/a) ¹
Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 5 8 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15	0
Final Score		0

Evaluation Ranking Criteria and Ranking Score
 For Oily Waste Cleanup Levels

Site-Specific Factors	Ranking Score	Site Ranking Score
Distance to Groundwater (feet) >100 100 to 75 75 to 50 50 to 25 25 to 10 <10, or recharge area	0 4 8 12 16 20	0
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Distance to Nearest Municipal Water Well (feet) >5280 1320 to 5280 500 to 1320 <500	0 6 8 10	0
Distance to Other Water Well (feet) >1320 300 to 1320 <300	0 5 10	0
Distance to Surf. Water (feet) >1000 300 to 1000 <300	0 5 10	0
Affected Populations <100 100 to 300 >3000	0 5 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 8 10	0
Final Score		0



Permeability Tests

Table 1. Results Of Soil Permeability Tests.

Sample Number	Borehole Depth	Calculated Permeability
1 (Stst1)	27"	6.62×10^{-5}
2 (Stst2)	27"	2.39×10^{-7}
3 (Stst3)	27"	4.35×10^{-6}

The above values in m/sec can be compared to the following chart.

1	10^{-1}	10^{-2}	10^{-3}	10^{-4}	10^{-5}	10^{-6}	10^{-7}	10^{-8}	10^{-9}	10^{-10}
clean gravels		clean sands		very fine sands	* clay * silts		*	clay-silts		
									clays	
		High			Medium				Low	

Note * = Permeability Tests For Landfarm

The results show that the soil is of medium to low permeability. The Guidance for Pit Liner Requirements was utilized to determine a ranking score for this facility. The site has a total ranking score of 5. A ranking score sheet for liner requirements is attached at the end of this application. Given this score and the fact that no liquids will be disposed of at this facility, it is believed that no liner will be required.

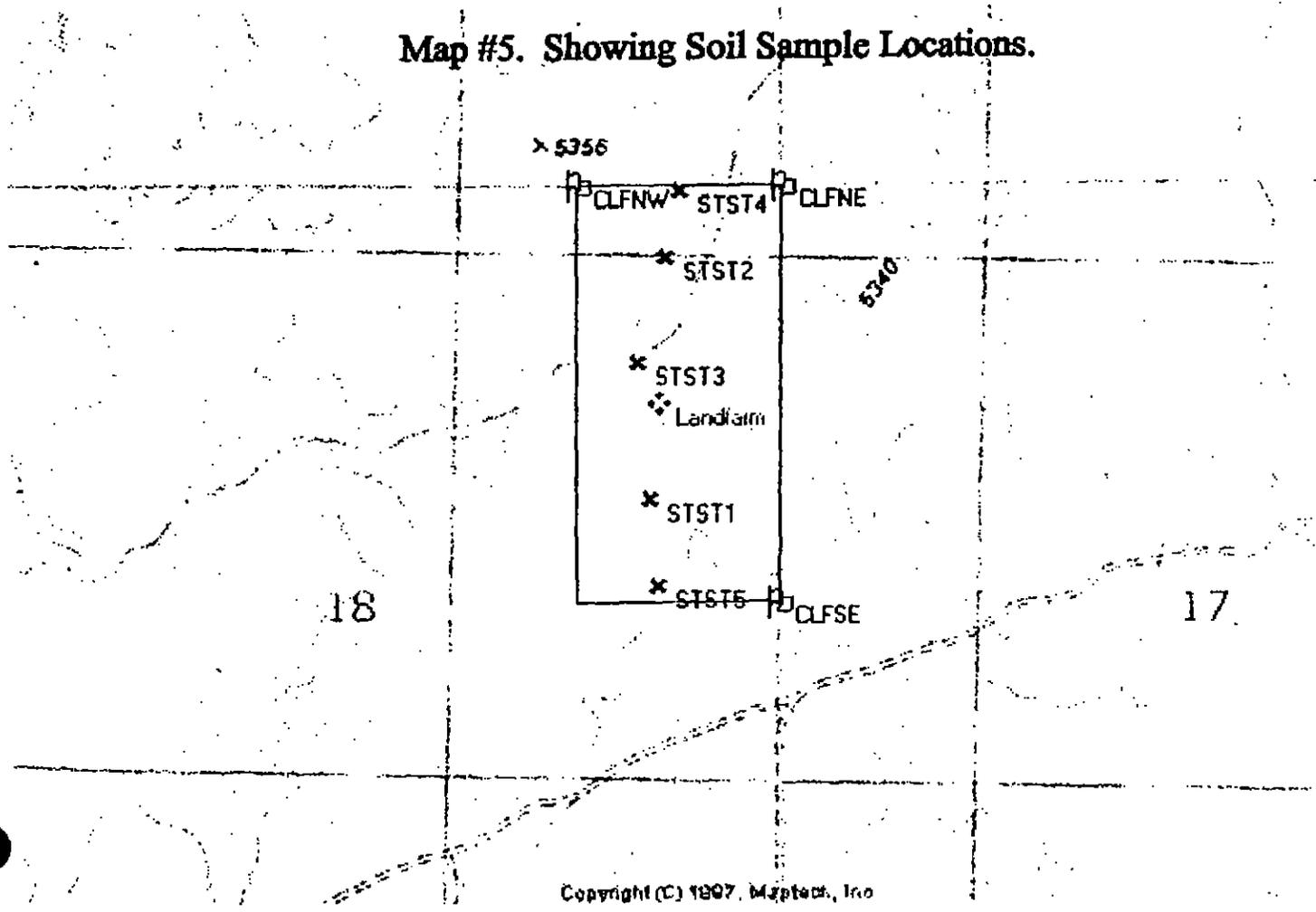
Soil Description Across Facility

Stst1 -	Sand	50%	Stst2 -	Sand	50%
	Silt	25%		Silt	30%
	Clay	25%		Clay	20%
Stst3 -	Sand	40%	Stst4 -	Sand	35%
	Silt	30%		Silt	40%
	Clay	30%		Clay	25%
Stst5 -	Sand	30%			
	Silt	35%			
	Clay	35%			

Site Characteristics

The site chosen for this facility is an eighty (80) acre piece of land that is primarily barren. Portions of it suffered from a brush fire some time ago. There is limited vegetation present throughout the property. Groundwater is at least 1000 feet below ground level. There appears to be no underground utilities or stock watering ponds on or near the facility. The soil native to the area is a fine-grained, reddish-brown sandy silt with a clay-silt laminate. Permeability tests were performed on the soil using the Bureau Of Reclamation Field Test Designation E-18. This test uses a cased hole to determine the infiltration rate of water into the soil at a specified depth. Three (3) locations were tested on the property as shown on Map 5. The results of those tests are given in Table 1.

Map #5. Showing Soil Sample Locations.





Text Reference
Run-off Calculation

The time of concentration is difficult to estimate since the different types of roof, size of housing, population density, land coverage, topography, and slope of land are very complicated. In general, the time of concentration may be between 5 and 10 minutes for both the mains and the submains.

EXAMPLE: The subdrain sewer line to a storm sewer is 1.620 km (1 mile). The average flow rate is 1 m/s. Inlet time from the surface inlet through the overland is 7 min. Find the time of concentration to the storm sewer.

Solution:

Step 1. Determine the time of sewer flow, t_s

$$t_s = \frac{L}{v} = \frac{1600 \text{ m}}{1 \text{ m/s}} = 1620 \text{ s} = 27 \text{ min}$$

Step 2. Find t

$$\begin{aligned} t &= t_i + t_s = 7 \text{ min} + 27 \text{ min} \\ &= 34 \text{ min} \end{aligned}$$

7.2 Estimation of Runoff

The quantity of stormwater runoff can be estimated by the rational method or by the empirical formula. Each method has its advantages. The rational formula for the determination of the quantity of stormwater runoff is

$$Q = CIA \quad (7.12a)$$

where Q = peak runoff from rainfall, ft^3/s
 C = runoff coefficient, dimensionless
 I = rainfall intensity, inches rain/h
 A = drainage area, acres

The formula in SI units is

$$Q = 0.278 CIA \quad (7.12b)$$

where Q = peak runoff, m^3/s
 C = runoff coefficient, see Table 7.2
 I = rainfall intensity, mm/h
 A = drainage area, km^2

The coefficient of runoff for a specific area depends upon the character and the slope of the surface, the type and extent of vegetation, and other factors. The approximate values of the runoff coefficient are shown in Table 7.2. There are empirical formulas for the runoff coefficient. However, the values of C in Table 7.2 are most commonly used.

EXAMPLE: In a suburban residential area of 1000 acres (4.047 km^2), the rainfall intensity-duration of a 20-min 25-year storm is 6.1 in/h (155 mm/h). Find the maximum rate of runoff.

Solution: From Table 7.2, $C = 0.50$
 Using Eq. (7-12a)

TABLE 7.2 Coefficient of Runoff for Various Surfaces

Type of surface	Flat slope < 2%	Rolling slope 2-10%	Hilly slope > 10%
Pavements, roofs	0.90	0.90	0.90
City business areas	0.80	0.85	0.85
Dense residential areas	0.60	0.65	0.70
Suburban residential areas	0.45	0.50	0.55
Earth areas	0.60	0.65	0.70
Grassed areas	0.25	0.30	0.30
Cultivated land			
clay, loam	0.50	0.55	0.60
sand	0.25	0.30	0.35
Meadows and pasture lands	0.25	0.30	0.35
Forests and wooded areas	0.10	0.15	0.20

Source: Perry (1967)

$$\begin{aligned}
 Q &= CIA \\
 &= 0.5 \times 6.1 \text{ in/h} \times 1000 \text{ acre} \\
 &= 3050 \frac{\text{acre} \cdot \text{in}}{\text{h}} \times \frac{1 \text{ h}}{3600 \text{ s}} \times \frac{1 \text{ ft}}{12 \text{ in}} \times \frac{43,560 \text{ ft}^2}{1 \text{ acre}} = 3075 \text{ ft}^3/\text{s}
 \end{aligned}$$

Note: In practice, a factor of 1.0083 conversion is not necessary. The answer could be just 3050 ft³/s.

8 STORMWATER QUALITY

The quality and quantity of stormwaters depend on several factors—intensity, duration, and area extent of storms. The time interval between successive storms also has significant effects on both the quantity and quality of stormwater runoff. Land contours, urban location permeability, land uses and developments, population densities, incidence and nature of industries, size and layout of sewer systems, and other factors are also influential.

Since the 1950s, many studies on stormwater quality indicate that runoff quality differs widely in pattern, background conditions, and from location to location. Wanielista and Yousef (1993) summarized runoff quality on city street, lawn surface, rural road, highway, and by land-use categories. Rainwater quality and pollutant loading rates are also presented

8.1 National Urban Runoff Program

In 1981 and 1982, the US EPA's National Urban Runoff Program (NURP) collected urban stormwater runoff data from 81 sites located in 22 cities throughout the United States. The data covered more than 2300 separate storm events. Data was evaluated for solids, oxygen demand, nutrients, metals, toxic chemicals, and bacteria. The median event mean concentrations (EMC) and coefficients of variance for ten standard parameters for four different land use categories are listed in Table 7.3 (US EPA 1983a). It was found that lead, copper, and zinc are the most significant heavy metals found in urban runoff and showed the highest concentrations. The EMC for a storm is determined by flow-weighted calculation.