



State of Utah

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Environmental Quality

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Executive Director

DIVISION OF SOLID AND  
HAZARDOUS WASTE  
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Director

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*Executive Secretary*

August 14, 2012

Nathan Rich, Executive Director  
Wasatch Integrated Waste Management District  
650 East Highway 193  
Layton, Utah 84041

RE: Davis County Energy Recovery Facility Inspection

Dear Mr. Rich:

On August 7, 2012, a representative of the Division of Solid and Hazardous Waste inspected the Wasatch Integrated Waste Management District waste to energy facility. The purpose of the inspection was to determine compliance with the Utah Solid Waste Permitting and Management Rules and the facilities permit.

Enclosed is a copy of the inspection checklist and brief comments and photographs taken during the inspection. The inspection documented that the waste to energy operations reviewed during the inspection were conducted in accordance with the rules and permit requirements.

If you have any questions, please call Rob Powers at (801) 536-0255.

Sincerely,

Scott T. Anderson, Director  
Division of Solid and Hazardous Waste

STA/RDP/kk

Enclosure

c: David Spence, EHS, MBA, Environmental Health Director, Davis County Health Dept.  
John Watson, Davis County Energy Recovery Plant Manager, Wasatch Integrated Waste Management District  
Rachelle Blackham, Davis County Health Department

# SOLID WASTE FACILITY INSPECTION REPORT CHECKLIST

## UTAH DIVISION OF SOLID & HAZARDOUS WASTE

Facility Name Davis County Energy Recovery Facility County Davis  
 Location \_\_\_\_\_  
 Inspection Date 8/7/12 Time In 10:30 am Time Out 11:30 am  
 Routine Oversight  Follow up  Monitoring Evaluation  Facility Status  Construction Review   
 Announced  Unannounced  Weather Conditions Sunny and hot  
 Inspection Goal Compliance with the Utah Solid Waste Rules and the facility permit requirements  
 Facility Contact John Watson  
 Participants Rob Powers and John Watson  
 FOLLOW UP INSPECTION NEEDED Yes  No  Recommended Follow Up Date \_\_\_\_\_

(X - indicates items reviewed)

### 1. PRE-INSPECTION REVIEW

<input type="checkbox"/>	1.1 Permit Review
<input checked="" type="checkbox"/>	1.2 Annual Report Review In compliance
<input type="checkbox"/>	1.3 Previous Inspection Review
<input checked="" type="checkbox"/>	1.4 Facility Contacts Confirmed
<input checked="" type="checkbox"/>	1.5 Facility Contacted (if announced inspection)
<input checked="" type="checkbox"/>	1.6 Local Heath Contacted Called and e-mailed Rachele Blackham
<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.
<input type="checkbox"/>	3.2 Directions & Procedure
<input checked="" type="checkbox"/>	3.3 Emergency Numbers In compliance
<input checked="" type="checkbox"/>	3.4 List of Unacceptable Materials In compliance
<input type="checkbox"/>	3.5 Other

### 2. FACILITY / OPERATIONAL CONTROLS

<input checked="" type="checkbox"/>	2.1 Litter NA
<input checked="" type="checkbox"/>	2.2 Roads In compliance
<input checked="" type="checkbox"/>	2.3 Gate House Operations In compliance
<input type="checkbox"/>	2.4 Vectors
<input checked="" type="checkbox"/>	2.5 Communications In compliance
<input checked="" type="checkbox"/>	2.6 Recycling Area NA
<input checked="" type="checkbox"/>	2.7 Fugitive Dust Control In compliance
<input checked="" type="checkbox"/>	2.8 Waste Inspection Area In compliance
<input checked="" type="checkbox"/>	2.9 Scavenging Control NA
<input checked="" type="checkbox"/>	2.10 Open Burning NA
<input checked="" type="checkbox"/>	2.11 Fences, Gates, Locks, Access Control In compliance
<input checked="" type="checkbox"/>	2.12 Working Face In compliance
<input checked="" type="checkbox"/>	2.13 Leachate Collection System

### 4. OPERATOR / REPRESENTATIVE / EMPLOYEES

<input checked="" type="checkbox"/>	4.1 On-site while open
<input checked="" type="checkbox"/>	4.2 Training In compliance
<input type="checkbox"/>	4.3 Other

### 5. MONITORING

<input checked="" type="checkbox"/>	5.1 Methane NA
<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 In compliance
<input checked="" type="checkbox"/>	6.2 Water Run-off

# SOLID WASTE FACILITY INSPECTION REPORT

Date: 8/7/12

Facility Name: Davis County Energy Recovery Facility

In compliance	
<input type="checkbox"/>	6.3 Other

**7. PROPER STORAGE / ISOLATION / DISPOSAL**

<input type="checkbox"/>	7.1 Special Waste
<input type="checkbox"/>	7.2 Batteries
<input type="checkbox"/>	7.3 Hazardous Waste
<input type="checkbox"/>	7.4 Infectious Waste
<input type="checkbox"/>	7.5 Tires
<input type="checkbox"/>	7.6 Dead Animals
<input type="checkbox"/>	7.7 Asbestos
<input type="checkbox"/>	7.8 Bulky Waste
<input type="checkbox"/>	7.9 Contaminated Soil
<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
NA	
<input type="checkbox"/>	8.2 Daily - Alternative
<input type="checkbox"/>	8.3 Intermediate
<input type="checkbox"/>	8.4 Final
<input type="checkbox"/>	8.5 Vegetation
<input type="checkbox"/>	8.6 Other

**9. INSPECTION RECORDS**

<input type="checkbox"/>	9.1 Random Inspection Report
<input type="checkbox"/>	9.2 Gas Monitoring System
<input type="checkbox"/>	9.3 Surface Drainage Control
<input checked="" type="checkbox"/>	9.4 Daily Records
In compliance	
<input type="checkbox"/>	9.5 Weight or Volumes
<input checked="" type="checkbox"/>	9.6 Intermediate Cover
NA	

<input checked="" type="checkbox"/>	9.7 Final Cover
NA	
<input type="checkbox"/>	9.8 Self Inspection (Quarterly) Reports
<input type="checkbox"/>	9.9 Deviation from Plans
<input checked="" type="checkbox"/>	9.10 Permit, Permit Application and Rules Available
On site	
<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 checked="" type="checkbox"/>	10.4 Other
Sample waste ash prior to being used as daily cover for the landfill	

**11. SPECIAL WASTE RECORDS**

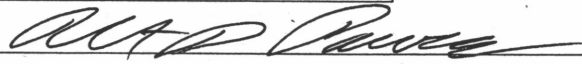
<input checked="" type="checkbox"/>	11.1 Lab Analysis Results
Reviewed waste ash analytical data	
<input type="checkbox"/>	11.2 Manifests
<input checked="" type="checkbox"/>	11.3 Treatment Certification
<input type="checkbox"/>	11.4 Paint Filter Test Results
<input type="checkbox"/>	11.5 Onsite Treatment 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
Done	
<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: 8/7/2012

DAVIS ENERGY RECOVERY FACILITY INSPECTION

AUGUST 7, 2012



Looking directly into the furnace of the energy recovery facility



The ash mixing and load out area



Ash truck load out area. The ash is removed from the plant and moved to the landfill for final cover.



A photo of the waste material being dumped on the tipping floor, prior to the waste being consumed in the furnace.