

8.4 REGULATORY INSPECTION SUMMARY

Date: **02/12/2009**

To (Plant Manager): **Ronald C. Hall**

From: **Cynthia McCowan**

Regulatory Inspection Summary

1. Facility Inspected

Kingston Fossil Plant

2. Date of Inspection and duration

02/12/2009 10:36 a.m. – 11:37 a.m.

3. Purpose of Inspection (routine compliance, NOV follow-up, permit renewal)

ROUTINE COMPLIANCE

4. Media covered during inspection

SOLID WASTE - Visited ash landfill and gypsum pond landfill

5. Name of Inspector and/or Agency

Ryan Miller – TDEC KFO - Division of Solid Waste

6. Facility personnel participating or contacted during inspection

Kevin Abner, Cynthia McCowan

7. Observations and/or problems identified by Inspector

Frequency of scheduled visits has been changed to monthly as opposed to quarterly. Regulator will also visit randomly when dredging commences

8. Samples Collected

None

9. Records Reviewed

None

10. Deficiencies

None

Submitted by: **Cynthia W. McCowan**

Cc: Mgr., ENVIRONMENTAL COMPLIANCE (**Sharon Figgures**)

NOTE: This summary is to be provided to the facility manager and faxed or emailed to ENV COMP. (751-7011) by the close of business on the day following the inspection. (See Section 6.2.6).

*Distributed 3/12/09 (email)
EDMS, Ray, Park, Signer*



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
SOLID WASTE DISPOSAL FACILITY EVALUATION**

Gypsum Land fill

NAME OF SITE <i>TVA KINGSTON-GURPSON LF</i>		REGISTRATION NUMBER <i>IDL 73-0211</i>		DATE <i>2-12-09</i>	
LOCATION (physical) <i>TVA Kingston - Seaman Pond Road</i>			PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input type="checkbox"/> Complaint <input type="checkbox"/> Other		
OWNER/OPERATOR <i>TVA / Cynthia Moore</i>			TYPE OF FACILITY <input type="checkbox"/> CLASS I <input checked="" type="checkbox"/> CLASS II <input type="checkbox"/> CLASS III <input type="checkbox"/> CLASS IV		
		V1	V2		
Inadequate vector control	8010	—	—	Leachate improperly managed	8330
Access not limited to operating hours	8020	—	—	Inadequate leachate collection system	8340
Inadequate artificial or natural barrier	8030	—	—	Leachate observed at the site	8350
Inadequate information signs	8040	—	—	Leachate entering runoff	8360
Unsatisfactory access road(s)/parking area(s)	8050	—	—	Leachate entering a water course	8370
Certified personnel not present during operating hours	8060	—	—	Inadequate gas migration control system	8380
Unapproved salvaging of waste	8070	—	—	Inadequate maintenance of gas migration control system	8390
Evidence of open burning	8080	—	—	Potential for explosions or uncontrolled fires	8420
Inadequate fire protection	8090	—	—	Waste not confined to a manageable area	8430
Unsatisfactory litter control	8110	—	—	Improper spreading of waste	8440
Inadequate employee facilities	8120	—	—	Improper compacting of waste	8450
No communication devices	8130	—	—	Unsatisfactory initial cover	8460
Inadequate operating equipment	8140	—	—	Unsatisfactory intermediate cover	8470
Unavailability of backup equipment	8150	—	—	Unsatisfactory final cover	8480
Unavailability of cover material	8160	—	—	Excessive pooling of water	8490
Inadequate maintenance of runoff/runoff system(s)	8170	—	—	Unsatisfactory stabilization of cover	8510
Inadequate erosion control	8180	—	—	Dumping of waste into water	8520
Inadequate dust control	8190	—	—	Unsatisfactory records or reports	8530
Unauthorized waste accepted	8210	—	—	Groundwater monitoring system improperly maintained	8540
Unapproved special waste accepted	8220	—	—	Operation does not correspond with engineering plans	8570
Tires improperly handled	8230	—	—	Operation does not correspond with permit condition(s)	8580
Medical waste improperly handled	8240	—	—	Permit, plans, operating manual not available	8590
Dead animals improperly handled	8250	—	—	No operating scales	8610
Washout of solid waste	8270	—	—		
No permanent benchmark	8280	—	—		
Inadequate random inspection program	8290	—	—		
Mishandling of special waste	8300	—	—		
Buffer zone standard violated	8310	—	—		
Inadequate maintenance of leachate management system	8320	—	—		
COMMENTS:					
<i>- UNDER CONSTRUCTION</i>					
<i>- NO VIOLATIONS</i>					
PERSON INTERVIEWED (Signature) <i>Cynthia Moore</i>			INSPECTED BY (Signature) <i>[Signature]</i>		
TITLE <i>Program Administrator, Env. Div.</i>			TITLE <i>ES, DSWM</i>		
TIME OF DAY <i>11:15 AM</i>		WEATHER CONDITIONS <i>50% SUN</i>		COMPLIANCE DATE _____	

Distribution: Facility - White Field Office - Canary Central Office - XC



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
SOLID WASTE DISPOSAL FACILITY EVALUATION**

NAME OF SITE <i>TVA KINGSTON fossil Plant Coal Ash fill</i>		REGISTRATION NUMBER <i>IDC 73-0024</i>		DATE <i>7-12-09</i>	
LOCATION (physical) <i>TVA KINGSTON - SWANIN David Rd</i>			PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input type="checkbox"/> Complaint <input type="checkbox"/> Other		
OWNER/OPERATOR <i>TVA / Cynthia Mcowan</i>			TYPE OF FACILITY <input type="checkbox"/> CLASS I <input checked="" type="checkbox"/> CLASS II <input type="checkbox"/> CLASS III <input type="checkbox"/> CLASS IV		
		V1	V2		
Inadequate vector control	8010	___	___	Leachate improperly managed	8330
Access not limited to operating hours	8020	___	___	Inadequate leachate collection system	8340
Inadequate artificial or natural barrier	8030	___	___	Leachate observed at the site	8350
Inadequate information signs	8040	___	___	Leachate entering runoff	8360
Unsatisfactory access road(s)/parking area(s)	8050	___	___	Leachate entering a water course	8370
Certified personnel not present during operating hours	8060	___	___	Inadequate gas migration control system	8380
Unapproved salvaging of waste	8070	___	___	Inadequate maintenance of gas migration control system	8390
Evidence of open burning	8080	___	___	Potential for explosions or uncontrolled fires	8420
Inadequate fire protection	8090	___	___	Waste not confined to a manageable area	8430
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Unavailability of backup equipment	8150	___	___	Unsatisfactory final cover	8480
Unavailability of cover material	8160	___	___	Excessive pooling of water	8490
Inadequate maintenance of runon/runoff system(s)	8170	___	___	Unsatisfactory stabilization of cover	8510
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Dead animals improperly handled	8250	___	___	No operating scales	8610
Washout of solid waste	8270	___	___		
No permanent benchmark	8280	___	___		
Inadequate random inspection program	8290	___	___		
Mishandling of special waste	8300	___	___		
Buffer zone standard violated	8310	___	___		
Inadequate maintenance of leachate management system	8320	___	___		
COMMENTS:					
<i>- Soil Testing into Pond. No new material being added to fill</i>					
<i>- Material is being pushed into fill from spill area</i>					
<i>- Hydro Sealing to stream is still being added</i>					
<i>- Material is still to spread with water</i>					
<i>- Draggings for bridge repairs to begin</i>					
<i>- DRAIN will be used to monitor</i>					
PERSON INTERVIEWED (Signature) <i>Cynthia Mcowan</i>			INSPECTED BY (Signature) <i>[Signature]</i>		
TITLE <i>Program Administrator, Environ.</i>			TITLE <i>ES - DSWM</i>		
TIME OF DAY <i>11:00 AM</i>	WEATHER CONDITIONS <i>Sunny</i>		COMPLIANCE DATE _____		

Distribution: Facility - White Field Office - Canary Central Office - XC

2/12/2009 TDEC Division of Solid Waste Inspection by Ryan Miller - Knoxville Field Office

Still pumping into pond. No new material being added to fill.

Material is being pushed into fill from spill area

Hydro seeding and straw is still being added

Material is still being sprayed with water

Preparing for dredge activity to begin

DSWM will continue to monitor