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STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
2700 MIDDLEBROOK PIKE, SUITE 230
KNOXVILLE, TN 37921-5602

PHONE (865) 594-6035 STATEWIDE 1-888-891-8332 FAX (865) 594-5253

XC: L.F. Campbell, KFP 1A-KS
Edm, WT CA-K

November 12, 2004

Mr. Gordon Park
Manager of Permitted Programs
Tennessee Valley Authority
1101 Market Street
Chattanooga, Tennessee 37402-2801

RE: Kingston Fossil Plant Ash Disposal Area (IDL 73-0094) Groundwater Monitoring Report.

Dear Mr. Park:

Enclosed is a copy of the completed checklist for the most recent groundwater report submitted. Please note the comments listed on page 2 of the checklist and address them in the next report. If you should have any questions about my review, please feel free to call me at (865) 594-5464.

Respectfully,

A handwritten signature in cursive script, appearing to read "David Fugate".

David Fugate, P.G., TN 3830
Geologist
Division of Solid Waste Management

Enclosure: Groundwater Report Review Checklist

cc: DSWM CO
File



GROUND WATER REPORT REVIEW CHECKLIST

Facility Name: Kingston Fossil Fuel Plant ID #: IDL 73-0094

Class I Class II Class III Class IV Status: OPEN CLOSED

Type Monitoring: Detection Assessment

Date Sampled: 09/2004 Date Last Sampled: 6/07/04 Expected Date Next Sampling: 03/2005

Current Sampling Interval: Semi-annual Quarterly Other: _____

Parameters: Appendix I: Appendix II Others: _____

Wells: Upgrade: 1 Downgrade: 3 Other Points: _____

Sampled with (pumps, bailers, dedicated/portable, etc?): Portable pump.

Report Written by (Company/ Author): TVA

Date Received: 11/10/04 Date(s) Reviewed: 11/12/04

| Code | REPORT ADDRESSES | YES | NO | COMMENTS |
|------|--|-------------------------------------|-------------------------------------|--|
| 7100 | Report submitted within 60 days of sampling event? 1200-1-7-.04(7)(a)4.(viii) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 7120 | Report indicates that sampling has been done in accordance with facility's approved monitoring plan 1200-1-7-.04(7)(a)5.(i) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Date of approved version: August 1996 Amendments/revisions: |
| 7130 | Analytical Results Provided 1200-1-7-.04(7)(a)4.(viii) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Field Parameters: Lab Analysis: Summary Spreadsheets Included: YES |
| 7140 | Leachate Analyzed 1200-1-7-.04(4)(a)8.(ii) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Date of Analysis: Not required. |
| 7150 | Copies of Field Data Sheets/Record 1200-1-7-.02(4)(a)9.(iii) 1200-1-7-.04(7)(a)5.(i) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sampling Personnel: Employed by: TVA Place sampled: Sampling Date(s) and Time(s) recorded: YES Others/Observers present: |
| 7160 | Copies of laboratory reports 1200-1-7-.02(4)(a)9.(iii) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Laboratory: TVA Analysis dates: Personnel performing analysis: Correct analytical methods & equipment: |
| 7170 | Chain of Custody forms 1200-1-7-.04(7)(a)4.(i) II and IV | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Holding times adhered to: YES Sample preservation and transport appropriate: YES |
| 7180 | Groundwater Elevations 1200-1-7-.04(7)(a)4.(ii) 1200-1-7-.04(7)(a)5.(ii)(III) 1200-1-7-.02(4)(a)9.(ii) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 7190 | Flow direction and rate information 1200-1-7-.04(7)(a)4.(ii) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Method used: Darcy |
| 7200 | Statistical evaluation of analytical data 1200-1-7-.04(7)(a)4.(v) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Method used: Will be done March 2005 after two years of quarterly baseline monitoring. |
| 7210 | Statistically significant increase over background indicated 1200-1-7-.04(7)(a)5.(iii) | <input type="checkbox"/> | <input type="checkbox"/> | 14 Day notification done: Assessment program est. w/in 90 days: Other source demonstrated: |

GROUNDWATER SAMPLING EVENT REPORT REVIEW
 FACILITY 10L 73-0094
 SAMPLING EVENT DATE(S) 9/2004

| Code | REPORT ADDRESS | Yes | No | COMMENTS |
|------|---|-------------------------------------|-------------------------------------|--|
| 7220 | Inorganics exceed the MCLs or GW protection std 1200-1-7-.04(7)(a)1. And .04(7)(b, c, or d) as appropriate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Parameter(s)/MCL or standard (Well/Concentration): GW-6A Silver 190 ug/L |
| 7230 | VOC's present in the ground water analysis 1200-1-7-.04(7)(a)4(viii) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Parameter(s) (Well/Concentration): |
| 7240 | VOC's (if present) exceed MCLs or GW protection std 1200-1-7-.04(7)(a)1. And .04(7)(b, c, or d) as appropriate | <input type="checkbox"/> | <input type="checkbox"/> | Parameter(s)/MCL or standard (Well/Concentration): |
| 7250 | Facility has a statistically significant exceedance of 1 or more parameter? 1200-1-7-.04(7)(a)4(viii) and (ix) 1200-1-7-.04(7)(a)5(iii) | <input type="checkbox"/> | <input type="checkbox"/> | Parameter(s) (Well/Concentration): |

GENERAL COMMENTS

Condition of wells, equipment malfunction, weather, "dry" wells, problems encountered, - Reviewer's general notes or questions based on evaluation of this report, etc.

Continue to monitor MW-6A Silver levels and include a reason for the increase in Silver at this location.

Reviewed by: David Fugate Signature: [Signature] Date: 11/12/04