# Texas Commission on Environmental Quality

## CHECKLIST WORKSHEET

IHW RCRA INTERIM STATUS FACILITY CME CHECKLIST 8

**Regulating Entity Name**

**Date :**

**Additional I D:**

**Investigator Name:**

**Item Number** **Description** ANALYTICAL PROCEDURES FOR INTERIM STATUS FACILITIES

**Answer** **Citations** **Notes**

**Item Number** **Description** SECTION A: REVIEW OF ANALYTICAL PROCEDURES

**Answer** **Citations** **Notes**

**Item Number** 1 **Description** From the Sampling and Analysis Plan, include a tabulation of analytical methods used for
Groundwater samples. Indicate directly on the Attachment which analyses are performed at: off-site contract laboratory (*); on-site operator laboratory (**); field measurement (***) (Attachment).

**Answer** **Citations** **Notes**

**Item Number** 2 **Description** Laboratory analysis procedures:

**Answer** **Citations** 265.92(a) **Notes**

**Item Number** 2A **Description** Are all samples analyzed using an EPA-recommended method (SW-846 or other EPA recommended procedures)?

**Answer** **Citations** 335.112(a)(5) **Notes**

**Item Number** 2B **Description** Are appropriate QA/QC measures used in laboratory analysis (e.g., blanks, spikes, standards)?

**Answer** **Citations** 335.112(a)(5) **Notes**

**Item Number** 2C **Description** Are detection limits and percent recovery (if applicable) provided for each parameter?

**Answer** **Citations** **Notes**

**Item Number** 2D **Description** If a different analytical method or laboratory is used, are split samples run for comparison purposes?

**Answer** **Citations** **Notes**

**Item Number** 2E **Description** Describe any data inconsistencies and how the operator has tried to resolve them:

**Answer** **Citations** **Notes**

**Item Number** 2F **Description** Are samples analyzed within specified holding times?

**Answer** **Citations** 265.92(a) **Notes**

**Item Number** 2G **Description** What is the sample analysis turn-around time (i.e., the time required to receive analytical results from the laboratory)?

**Answer** **Citations** **Notes**

**Item Number** 2H **Description** Example of analytical results and/or QA/QC results as reported by the laboratory to the operator (Attachment ).

**Answer** **Citations** **Notes**

**Item Number** 3 **Description** Laboratory logbook

**Answer** **Citations** 265.90(a) **Notes**

**Item Number** 3A **Description** Is a laboratory logbook maintained?

**Answer** **Citations** 335.112(a)(5) **Notes**

**Item Number** 3B **Description** Are experimental conditions (e.g., temperature, humidity, etc.) noted?

**Answer** **Citations** 265.92(a) **Notes**

**Item Number** 3C **Description** If a sample for volatile analysis is received with headspace, is this noted?

**Answer** **Citations** **Notes**

**Item Number** 3D **Description** Are the results for all QC samples identified?

IHW RCRA INTERIM STATUS FACILITY CME CHECKLIST 8 (Cont)

| | | Answer | Citations | Notes |
|---|---|---|---|---|
| **Item Number** 3E | **Description** Is the time, date, and name of person noted for each processing step? | **Answer** | **Citations** 335.112(a)(5) | **Notes** |
| **Item Number** 3F | **Description** Is the date and time of each instrument's calibration noted? | **Answer** | **Citations** 335.112(a)(5) | **Notes** |
| **Item Number** 3G | **Description** Are notations made on which standards are used and when they were mixed? | **Answer** | **Citations** 265.92(a) | **Notes** |
| **Item Number** | **Description** SECTION B: REVIEW OF QUALITY ASSURANCE/QUALITY CONTROL | **Answer** | **Citations** | **Notes** |
| **Item Number** 1 | **Description** Does the QA/QC program include: | **Answer** | **Citations** | **Notes** |
| **Item Number** 1A | **Description** Documentation of any deviations from approved procedures? | **Answer** | **Citations** 265.92(a) | **Notes** |
| **Item Number** 1B | **Description** Collection and analysis of trip blanks, field blanks and equipment blanks? | **Answer** | **Citations** 265.92(a) | **Notes** |
| **Item Number** 1C | **Description** Documentation of analytical results for:<br>i. Laboratory blanks?<br>ii. Standards?<br>iii. Duplicates?<br>iv. Other (specify) | **Answer** | **Citations** 335.112(a)(5) | **Notes** |
| **Item Number** 2 | **Description** Are field QC samples compared with field sample results? (NOTE: If concentrations in blanks are greater by an order of magnitude than the field samples, then resampling is recommended.) | **Answer** | **Citations** 335.112(a)(5) | **Notes** |
| **Item Number** 3 | **Description** Does the operator critically examine the results to ensure that they have been properly calculated and reported? | **Answer** | **Citations** 265.92(a) | **Notes** |
| **Item Number** 4 | **Description** Is the validity and reliability of the laboratory and field generated data ensured by a QA/QC program? | **Answer** | **Citations** 335.112(a)(5) | **Notes** |