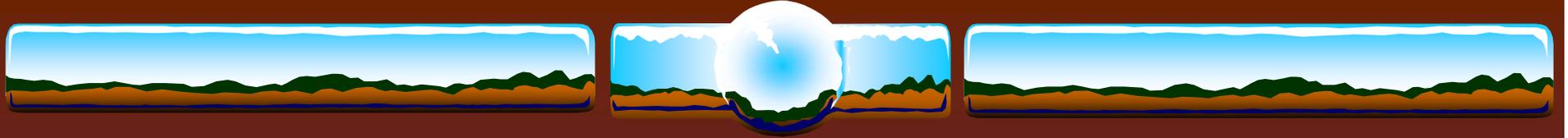


Testing & Monitoring Program

Georgia EPD

(Environmental Protection Division)



Our Responsibilities:

All Things Testing

- ❖ Test Plans, Audits, Report Reviews

Permit Reviews

CEM / COM audits

Perform Stack Tests

Additional Tasks



Test Plans:

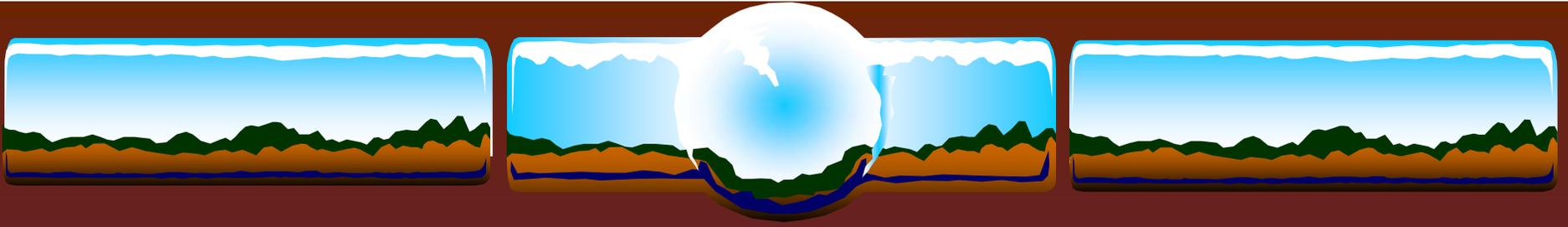
Source Information

❖ Review Permit

Test Methods

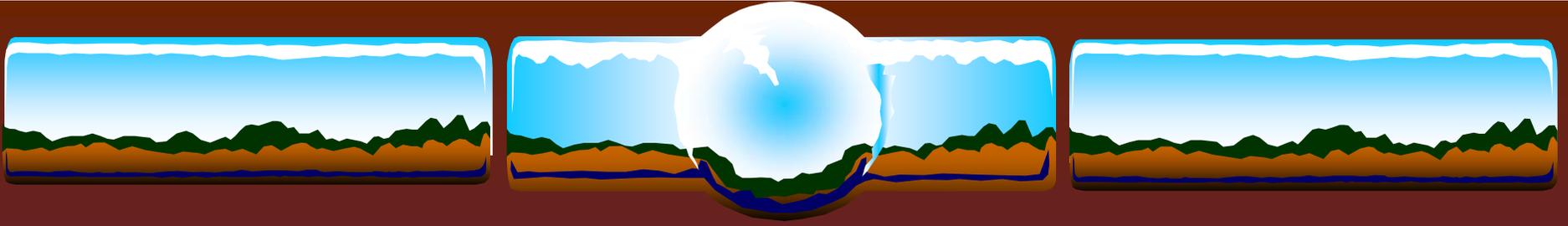
Anything Unusual?

Audit Sample?



Test Audits:

No auditor presence required in
State of Georgia for valid
stack test

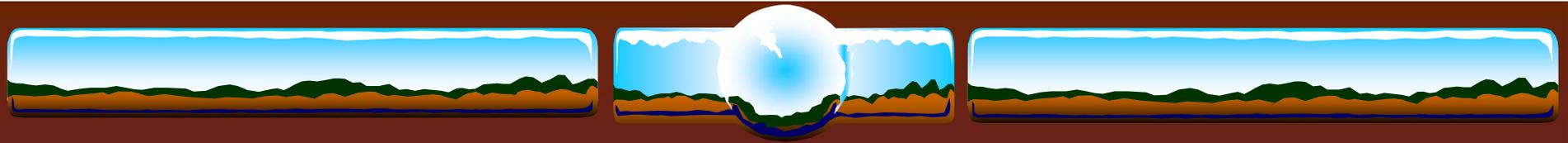


Report Review Data:

Since Jan 05:

7,094 Reports Reviewed

Avg of 1,182 per year



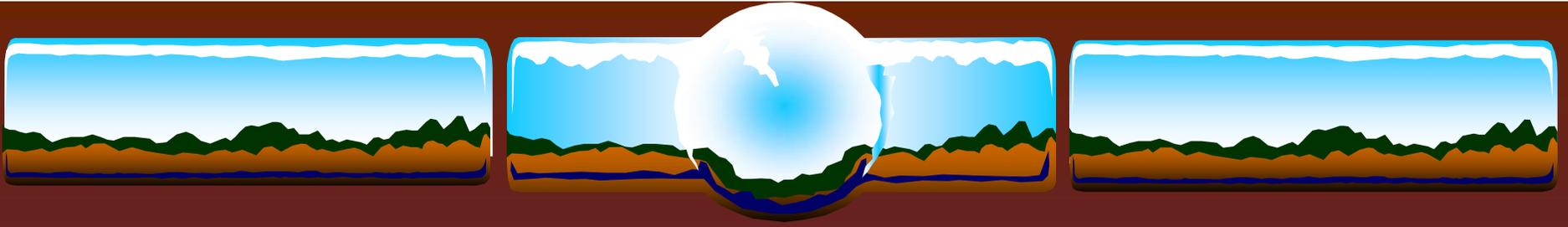
Report Review Data:

Since Jan 05:

1,940 Tests Witnessed by Staff

Avg of 323 per year

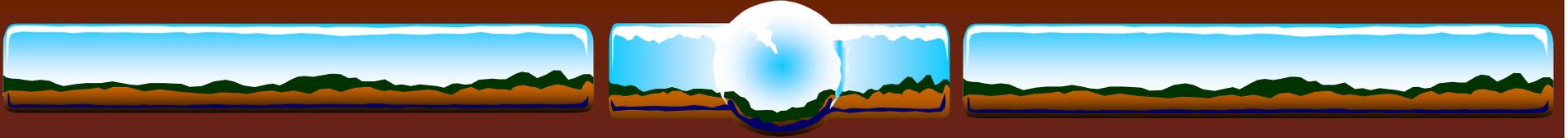
(~27% of total tests)



Permit Review Data:

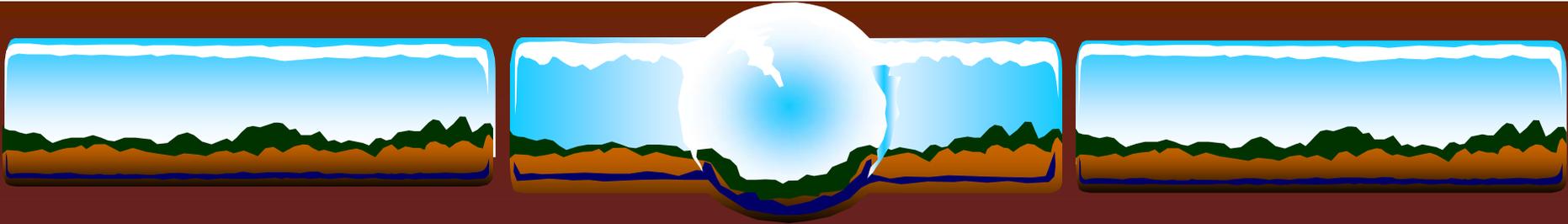
Average 130 per year

Mostly Title V Permits
or 502(b)(10) Permits



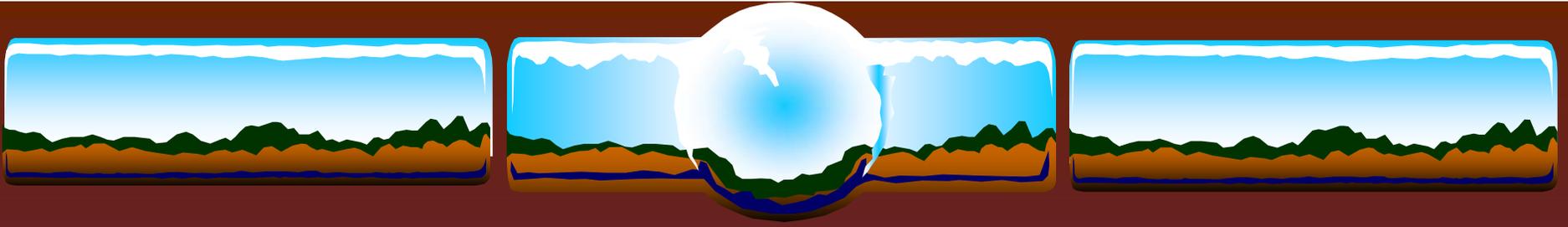
CEM/COM Audits:

- ❖ CGA
- ❖ Opacity Attenuators
- ❖ Recordkeeping
- ❖ What we have found



CEM / COM Audits:

**Average 84 audits
per year**



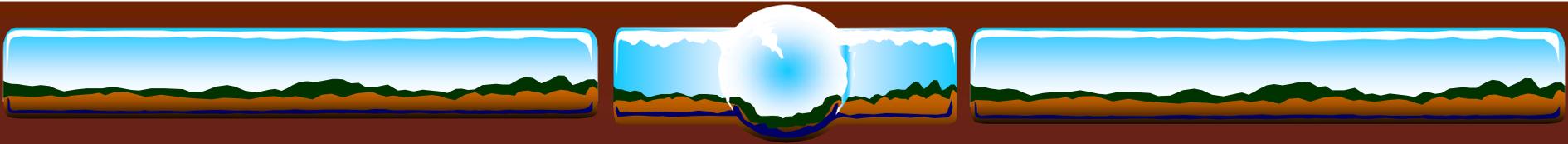
Testing

Types of tests performed:

PM, CO, SO₂, NO_x, MeOH,

Cr, Pb, VOC DE, & CE

Plus “Boiler Tuneup” NO_x tests



Testing

Typically perform 3 – 5 tests
per year



Other Duties:

Data Management

- ❖ Test Report Database
- ❖ Permit Database
- ❖ Compliance Database

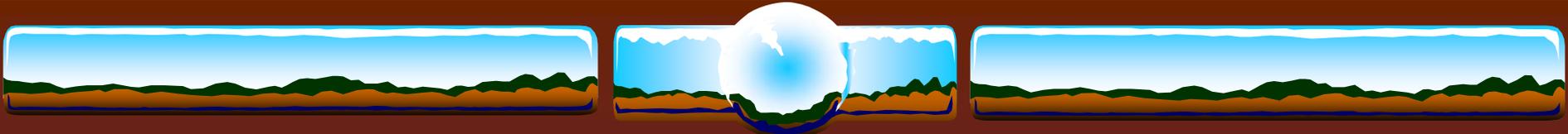
Ambient Monitors around Georgia

Smoke School

The background image shows an outdoor setting with a red brick wall. A blue hydraulic lift is extended upwards. A person in a wheelchair is positioned near the base of the lift, appearing to be working on something. A white car is partially visible on the left side of the frame. The sky is overcast with grey clouds. The entire image is framed by a blue border with decorative landscape graphics at the top corners.

Smoke School:

- ❖ (From 1980 – 2010)
- ❖ Smoke Schools Conducted: 100+
- ❖ Number of Attendees: 13,000+
- ❖ Field Certification Tests Conducted: 600+
- ❖ Certification Test Plumes: 31,000+
- ❖ Certifications Issued: 11,500+



Future?

Audits of GHG monitors

Audits of air flow monitors

Audits of parametric monitoring

❖ Pressure, temperature