

**TCEQ State Innovations Grant Final Report**

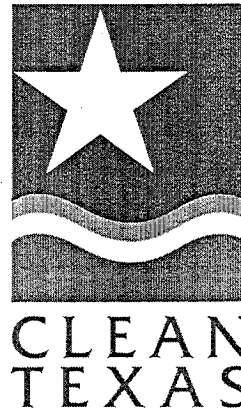
**Attachment 3: Clean Texas Descriptive Material**



# Make A Commitment

CLEAN TEXAS member organizations are instrumental in helping improve the environment throughout Texas. The CLEAN TEXAS program and its members are nationally recognized as leaders in promoting environmental performance and leadership.

Participating facilities make environmental improvement goals and renew their commitments every three years.



## MEMBERSHIP LEVELS

CLEAN TEXAS is open to all types of organizations, including industries, businesses, federal facilities, schools, universities, cities, counties, and community organizations.

There's a participation level for everyone, each with different benefits and commitments. For more specific information about each level, visit [www.cleantexas.org](http://www.cleantexas.org).



## REAL IMPROVEMENTS MEAN REAL BENEFITS

CLEAN TEXAS offers both support and rewards for enhanced performance. Benefits available to CLEAN TEXAS members include:

- ★ Regulatory Incentives
- ★ Recognition
- ★ Technical Assistance
- ★ Discounts at TCEQ Events
- ★ Networking Opportunities

## HOW TO JOIN:

- ★ **Determine Your Membership Level**  
The four membership levels provide flexibility in determining your commitments.
  - Set environmental goals
  - Support community environmental service projects
  - Implement an Environmental Management System
- ★ **Arrange an Independent Assessment**  
Silver, Gold, and Platinum levels complete an independent assessment of their EMS prior to submitting an application.
- ★ **Submit an Application**  
CLEAN TEXAS applications are available online, or you can request a hard copy.
- ★ **Prepare for a Verification Visit**  
Gold, Platinum, and some Silver level participants must undergo an EMS verification visit. TCEQ staff will work with you to schedule the visit.

## NEED MORE INFORMATION?

Call **512-239-3100**

[www.cleantexas.org](http://www.cleantexas.org)



THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT  
NO. 1000  
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# CLEAN TEXAS BENEFITS & LEADERSHIP LEVELS

Benefits	Bronze ★	Silver ★★	Gold ★★★	Platinum ★★★★
Reduced fees for select TCEQ training	✓	✓	✓	✓
Technical assistance and networking	✓	✓	✓	✓
Improvement in Compliance History		✓	✓	✓
Single point of contact within TCEQ for innovation activities		✓	✓	✓
Reduced state investigation frequency and additional notice on a case-by-case basis		✓	✓	✓
Customized recognition such as press releases, news articles, and on-site events			✓	✓
Expedited administrative and technical review of state permits on a case-by-case basis			✓	✓
Exemption from source reduction and waste minimization planning requirements			✓	✓
Reduced reporting and monitoring under discharge monitoring report provisions				✓
Stringency evaluation under air programs so sites are held to only one standard versus two				✓
Low EPA inspection priority				✓
Reduced reporting under Maximum Achievable Control Technology (MACT)				✓

Leadership Level Requirements	Bronze ★	Silver ★★	Gold ★★★	Platinum ★★★★
<u>Environmental Performance</u>				
Environmental Management System	Not required	✓	✓	✓
Environmental improvement(s) beyond regulatory requirements	One	Only as set in the EMS	Two	Four
Compliance assurance goal	Not required	✓	✓	✓
Annual performance report	✓	✓	✓	✓
Community environmental project(s)	One	Not required	Two	Three
<u>Compliance Requirements</u>				
Average or high compliance history rating and no substantial pattern of non-compliance	✓	✓	✓	✓ + fewer than three significant non-compliance violations over three years
Minimum time since a state or federal court order	One year	Two years	Three years	Three years
No criminal convictions for the last five years	At the site	At the site	At the site or corporate level	At the site or corporate level
<u>Approval Process</u>				
Verification visit	Not required	For certain facilities	For all applicants	For all applicants



## CLEAN TEXAS Application Process (As Used in FY 2007)

### Application Review Process and Procedures

The draft Application Processing Flowchart at the end of this section illustrates the sequence of processing steps. Ideally, the entire process is designed to be completed in 90 days; however, this process may vary depending on a number of uncontrollable variables such as Platinum level memberships and EPA's Performance Track status or input from managers and regional directors.

GENERAL APPLICATION REVIEW TIMELINE*	
Target Time Frame	Activity
Within 2 weeks of submittal:	Clean Texas Coordinator contacts site that application was received and conducts an initial application review for completeness. Notifies site if additional material is needed.
Within next 30 days:	Once application is complete, Application Review Coordinator conduct a full application review and input information in database: <ul style="list-style-type: none"> <li>- Compliance Screen</li> <li>- EMS Document Review (Silver, Gold, Platinum)</li> <li>- Goals appropriateness</li> <li>- Verification Visit Need Determined</li> </ul>
Within next 180 days:	Compliance Screening Coordinator requests input from TCEQ Regional Director and appropriate TCEQ Media Managers (Field Ops, Air Permits, PST, Stormwater, Enforcement, Wastewater, OPRR, Legal) Verification Visit Coordinator schedules visit with site and conducts visit within 30 days*.
Within next 60 days:	Application Review Coordinator completes additional necessary application follow-up. Applicants submit revised applications if applicable.
Within next 75 days:	Verification Visit conducted (if needed)*. Verification Report prepared and submitted for agency review*.
Within next 90 days**	SBEA Director briefs Executive Director on acceptance recommendations. Application revisions are finalized. Executive Director/Chairman issues notification of decisions to applicants by letter. Application Review Coordinator notifies applicant via phone call.

\* Schedule for verification visit may vary based on site request.

\*\* Specific timeline for review process is subject to be revised by the Application Coordinator.

- **Application Submission:** Facilities submit an application through submitting application via email (preferably). In addition, the facility must fax a signed Section E to the Information Center in order for the entire application to be considered complete.
- **Compliance Screening:**
  - **Reasons for Compliance Screening**  
The compliance screening process serves many purposes for Clean Texas. The primary purpose of compliance screening is to help ensure that TCEQ program managers are fully aware of the compliance status and history of

program participants in situations where the information may be relevant. Specific reasons for compliance screening include the following:

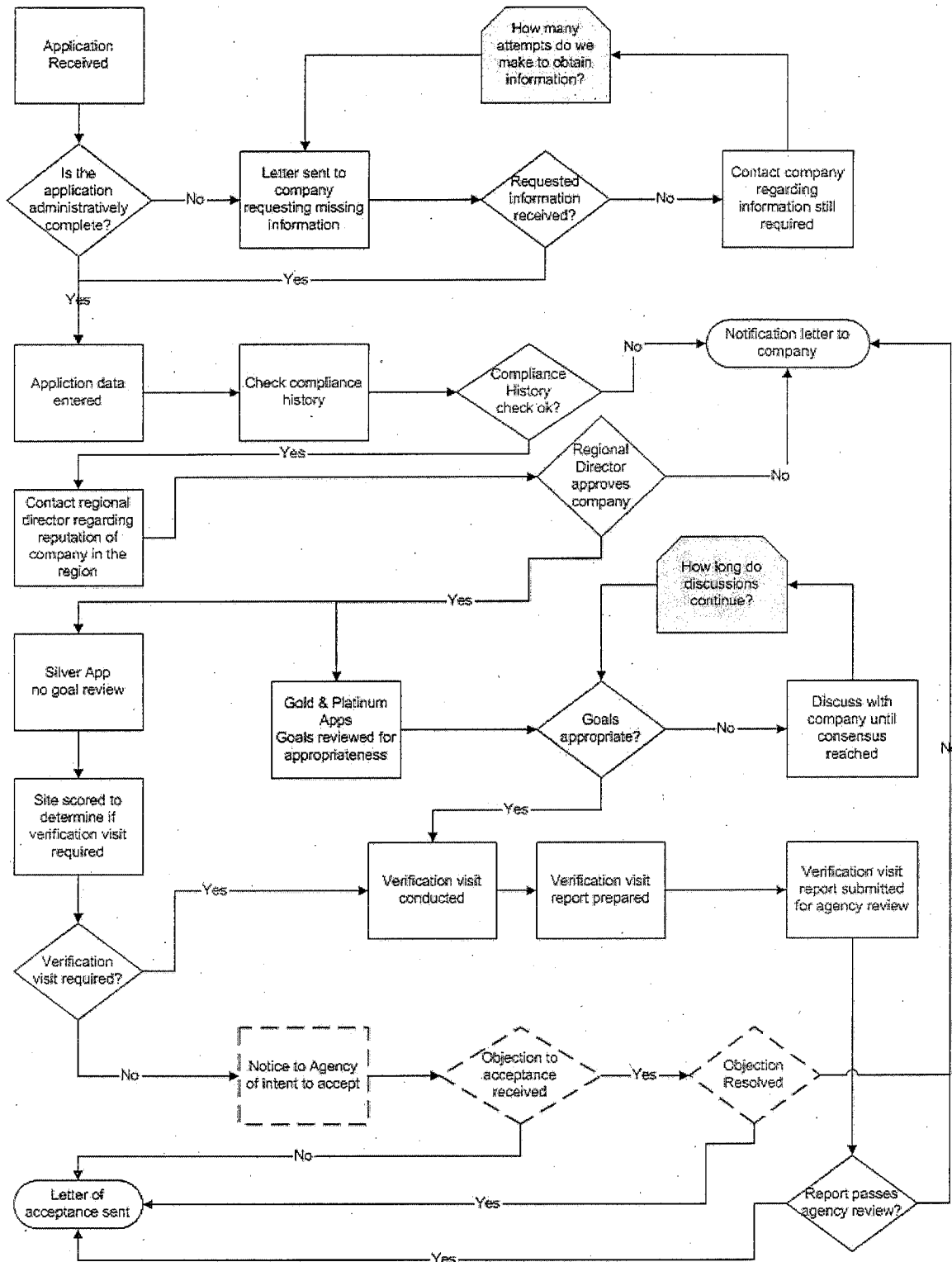
- To maintain the integrity and credibility of the Clean Texas program.
- To ensure that for programs designed to demonstrate environmental leadership and regulatory accountability, only appropriate sites participate.
- To ensure consistent minimum requirements and standards for regulated entities (i.e., level playing field).
- To support the enforcement work of the Agency. (If an enforcement action is pending, recognition may complicate or undermine the procedure.)
- To avoid the perception of inconsistent treatment by TCEQ of a particular site

○ **Review Process:**

- The Application Review Coordinator and Compliance Screen Coordinator initiate compliance screens of all applicants. Compliance screens are designed to determine if the applicant meets the program's compliance criteria. Additionally, the certification statement in the environmental history section of the application is designed similar to an affidavit to ensure that all statements of environmental history are true and correct.
- The Application Review Coordinator will perform an initial compliance screen using Central Registry, OTIS, and ECHO to determine whether clear compliance issues would prohibit an applicant's acceptance into the program. See the Compliance History Review Checklist. Specific items that are:
  - Compliance History Rating
  - State Attorney General Judgments
  - State Criminal Convictions
  - US Attorney General Judgments
  - Federal Criminal Convictions
  - Pattern of Noncompliances
  - Delinquent Fees with TCEQ
- The Compliance Screen Coordinator will notify TCEQ Regional Director and Program staff about list of applicants.
- An applicant will be not be accepted into Clean Texas if 1) the compliance screens identify criminal or civil violations that bar the applicant from meeting the program compliance criteria, 2) if the applicant is found to have a pattern of noncompliance inconsistent with the standards of the program, 3) if discrepancies are found between the environmental history signature statement and the compliance screen.



Change suggested by Bob - - - - -





## DRAFT Clean Texas Application Checklist

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| <input type="checkbox"/> New     | <input type="checkbox"/> Bronze   |
| <input type="checkbox"/> Renewal | <input type="checkbox"/> Silver   |
|                                  | <input type="checkbox"/> Gold     |
|                                  | <input type="checkbox"/> Platinum |

CT ID# \_\_\_\_\_ Date: \_\_\_\_\_ Date App. Rec'd: \_\_\_\_\_

Site Name: \_\_\_\_\_ Compliance Reviewer: \_\_\_\_\_

RN(s): \_\_\_\_\_

Action Needed	Review Findings
Call or e-mail made- TCEQ has received application	<input type="checkbox"/> No <input type="checkbox"/> Yes Date: _____
Application Review Coordinator – 1) In an electronic file, attach a Compliance History Crystal Report for each RN and check for the following Civil and Criminal findings. 2) In an electronic file, attach EPA's OTIS and ECHO reports for each RN and check for the following Civil and Criminal findings.	
Compliance History Rating (All participation levels- must be Average or High)	<input type="checkbox"/> Poor <input type="checkbox"/> Average <input checked="" type="checkbox"/> High <input type="checkbox"/> No Information Available
Federal & State Attorney General's Judgments (Civil) (Bronze – one year prior, Silver – two years, Gold/Platinum – three years)	<input type="checkbox"/> No <input type="checkbox"/> Yes
State & Federal Criminal Convictions (Bronze/Silver – five years prior at the site, Gold/Platinum – five years prior at the site and corporate level)	<input type="checkbox"/> No <input type="checkbox"/> Yes
Site Environmental History Any outstanding fines or convictions listed?	<input type="checkbox"/> No <input type="checkbox"/> Yes
Check to ensure completeness / correctness of the following items: Environmental Performance Goals (Bronze, Silver, Gold) Compliance Assurance Goals (Silver, Gold) Community Environmental Service Projects (Gold, Bronze)	<b>Current Year</b> = last full year for which site has data <b>Future year</b> = 3 years past current year
Are Environmental Performance Goals & Community Environmental Service Projects appropriate for the site?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Application Review Coordinator – Prepare a compliance history crystal report (save in electronic file).	<input type="checkbox"/> Yes <input type="checkbox"/> No
Compliance Review Coordinator (BG) contacts the Regional Director, Enforcement, or other Media Managers to check for problems or patterns of noncompliance (save in electronic file).	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date Compliance Screen and data entry complete	
Date PPE manager review complete	
Date Regional Director /Media manager comments received	
Date certificate sent	

PHYSICS 551  
PROBLEM SET 10  
DUE: 11/15/11

1. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2$ . The wave function  $\psi(x)$  is given by  $\psi(x) = A e^{-\alpha x^2}$ . Find  $\alpha$  and  $A$ .

2. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2$ . The wave function  $\psi(x)$  is given by  $\psi(x) = A e^{-\alpha x^2}$ . Find  $\alpha$  and  $A$ .

3. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2$ . The wave function  $\psi(x)$  is given by  $\psi(x) = A e^{-\alpha x^2}$ . Find  $\alpha$  and  $A$ .

4. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2$ . The wave function  $\psi(x)$  is given by  $\psi(x) = A e^{-\alpha x^2}$ . Find  $\alpha$  and  $A$ .

## Compliance History Review

- ✓ Clean Texas Members must meet certain compliance criteria. Below is an outline of the compliance requirements

<b>TCEQ Compliance History Rating</b> Members must have a Compliance History rating of Average or High.
<b>Texas Attorney General's Judgments</b> Organizations may not participate if its compliance screen indicates a Texas Attorney General's Judgment: <ul style="list-style-type: none"><li>- One year prior for the Bronze Level</li><li>- Two years prior for the Silver Level</li><li>- Three years prior for the Gold and Platinum Levels</li></ul>
<b>Federal Attorney General's Judgments</b> Organizations may not participate if its compliance screen indicates a Federal Attorney General's Judgment: <ul style="list-style-type: none"><li>- One year prior for the Bronze Level</li><li>- Two years prior for the Silver Level</li><li>- Three years prior for the Gold and Platinum Levels</li></ul>
<b>State &amp; Federal Criminal Convictions</b> Organizations may not participate if its compliance screen indicates state or federal criminal convictions: <ul style="list-style-type: none"><li>- Five years prior at the site for the Bronze and Silver Levels</li><li>- Five years prior at the site and corporation for the Gold and Platinum Levels</li></ul>
<b>No patterns of noncompliance</b> Members may not have substantial patterns or problems of noncompliance
<b>Additional Compliance Criteria for the Platinum Level</b> <ul style="list-style-type: none"><li>• No more than two significant violations within the past three years</li><li>• No unresolved, unaddressed significant noncompliances or significant violations</li><li>• No ongoing EPA or state-initiated litigation</li><li>• Out of compliance with schedules and terms of any order or decree</li></ul>

- ✓ Site's can make an initial review of their compliance history at the following web sites:
  - [http://www.tceq.state.tx.us/compliance/enforcement/history/get\\_report.html](http://www.tceq.state.tx.us/compliance/enforcement/history/get_report.html)  
Determine your site's TCEQ Regulated Entity number (RN + 9 digits) and request a compliance history report for your site.
  - <http://www.epa.gov/echo/>  
Review federal and state compliance inspections, violations, and any enforcement actions at your site.
- ✓ You may also call a Clean Texas Coordinator at 512/239-3100 for assistance.

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