OFFICE OF PERMITTING AND COMPLIANCE

CLASS I WASTE INJECTION WELL PERMIT APPLICATION

MAILING ADDRESS
OFFICE OF PERMITTING
AND COMPLIANCE
617 North 3rd St., 9TH Floor
Baton Rouge, LA 70802

UIC-1

APPLICATION NO.
(FOR OFFICE USE ONLY)

1. APPLICATION TO (CHECK ONE):

- ☐ DRILL A NEW HAZARDOUS WASTE INJECTION WELL
- ☐ DRILL A NEW NON-HAZARDOUS WASTE INJECTION WELL
- ☐ RE-PERMIT EXISTING HAZARDOUS WASTE INJECTION WELL
- ☐ RE-PERMIT EXISTING NON-HAZARDOUS WASTE INJECTION WELL
- ☐ CONVERSION OF NON-CLASS I TO CLASS I HAZARDOUS WASTE INJECTION WELL
- ☐ CONVERSION OF NON-CLASS I TO CLASS I NON-HAZARDOUS WASTE INJECTION WELL
- ☐ CONVERSION FROM CLASS I NON-HAZARDOUS TO CLASS I HAZARDOUS WASTE INJECTION WELL
- ☐ CONVERSON FROM CLASS I HAZARDOUS TO CLASS I NON-HAZARDOUS WASTE INJECTION WELL
- ☐ MODIFICATION OF EXISTING CLASS I WASTE INJECTION WELL PERMIT

2. TYPE OF WASTE INJECTION WELL (CHECK ONE):

- ☐ INDUSTRIAL NON-COMMERCIAL WASTE INJECTION
- ☐ INDUSTRIAL COMMERCIAL WASTE INJECTION
- ☐ OTHER: _____

OPERATOR INFORMATION

3. OPERATOR NAME	**4. OPERATOR CODE**
5. OPERATOR MAILING ADDRESS	**6. CITY, STATE, ZIP CODE**
7. APPLICANT TELEPHONE NUMBER (WITH AREA CODE)	**8. APPLICANT EMAIL ADDRESS**

FACILITY INFORMATION

9. FACILITY NAME	
10. FACILITY PHYSICAL ADDRESS	**11. CITY, STATE, ZIP CODE**
12. CONTACT NAME	**13. TELEPHONE NUMBER** (WITH AREA CODE)

14. INJECTION WELL OWNERSHIP: (CHECK ONE) ☐ FEDERAL ☐ STATE ☐ PRIVATE ☐ PUBLIC ☐ OTHER, SPECIFY: _____

15. IS THE FACILITY LOCATED ON INDIAN LANDS OR OTHER LANDS OWNED BY OR UNDER THE JURISDICTION OR PROTECTION OF THE FEDERAL GOVERNMENT?	☐ YES ☐ NO
16. IS THE FACILITY LOCATED ON STATE WATERBOTTOMS OR OTHER LANDS OWNED BY OR UNDER THE JURISDICTION OR PROTECTION OF THE STATE OF LOUISIANA?	☐ YES ☐ NO
17. IS THE PROPOSED OR EXISTING SITE OF THE WELL(S) CONSISTENT WITH LOCAL ZONING ORDINANCES FOR SUBSURFACE DISPOSAL OF INDUSTRIAL OR MUNICIPAL WASTE?	☐ YES ☐ NO

18. IF ANSWERED NO TO LINE #17, THEN SUMMARIZE STATUS FOR YOUR OBTAINING CONSISTENCY WITH LOCAL ZONING ORDINANCES:

WELL LOCATION INFORMATION

The information in boxes 21-30 must match the current Location Plat exactly.

19. WELL NAME & NUMBER	**20. SERIAL NUMBER (CONVERSION OR RE-PERMIT ONLY)**

21. FIELD NAME	22. FIELD CODE	23. PARISH NAME	24. PARISH CODE	25. SEC	26. TWN	27. RNG

28. LEGAL LOCATION DESCRIPTION

29. GEOGRAPHIC COORDINATE SYSTEM (NAD 27)						30. STATE PLANE COORDINATES (LAMBERT, NAD 27)		
LATITUDE			LONGITUDE			LAMBERT-X	LAMBERT-Y	☐ NORTH ZONE
DEG	MIN	SEC	DEG	MIN	SEC			☐ SOUTH ZONE

31. PROVIDE A LISTING OF ALL PERMITS OR CONSTRUCTION APPROVALS FOR WHICH THE APPLICANT HAS RECEIVED OR APPLIED FOR UNDER ANY OF THE PROGRAMS LISTED IN STATEWIDE ORDER NO. 29-N-1 §30.05.A.7 (LAC 43:XVII.105.E.1.G) OR STATEWIDE ORDER NO. 29-N-2 §205.E.1.G (LAC 43:XVII.205.E.1.G):

REGULATORY PROGRAM	PERMIT OR CONSTRUCTION APPROVAL
LA Hazardous Waste Management Program	
Any Underground Injection Control Program	
NPDES Program (Clean Water Act)	
Louisiana Coastal Use Permit (CUP)	
Nonattainment Program (Clean Air Act)	
Prevention of Significant Deterioration (PSD) (Clean Air Act)	
National Emission Standards for Hazardous Pollutants Preconstruction Approval (NESHAPS) (Clean Air Act)	
Ocean Dumping Permit Under the Marine Protection Research and Sanctuaries Act	
Dredge or Fill Permit (Section 404 of Clean Water Act)	
Other Relevant Environmental Permits	

32. LIST ANY RELEVANT OFFICE OF CONSERVATION ORDERS (E.G. 29-E EXEMPTIONS AND FIELD ORDERS RELATED TO OFFSET PRODUCTION):

33. GIVE A BRIEF DESCRIPTION OF THE NATURE OF THE BUSINESS ASSOCIATED WITH THE FACILITY AND A LIST OF ACTIVITIES WHICH REQUIRE THE POSSESSION OF A PERMIT UNDER THE APPROPRIATE CLASS I INJECTION WELL REGULATION:

34. LIST AND DESCRIBE IN ORDER OF DECREASING SIGNIFICANCE UP TO FOUR STANDARD INDUSTRIAL CLASSIFICATION ("SIC") CODES WHICH BEST REFLECT THE PRINCIPAL PRODUCTS OR SERVICES PROVIDED BY THE FACILITY:

SIC CODE	PROCESS DESCRIPTION

WASTE INJECTATE

35. DESCRIBE THE WASTE TO BE INJECTED. FOR HAZARDOUS WASTE WELLS, ALSO INCLUDE THE WASTE'S CORRESPONDING RCRA ID WASTE CODE(S): (attach additional sheet if necessary)

36. HOW DO YOU CURRENTLY DISPOSE OF THIS WASTE?

HAZARDOUS WASTE INJECTION WELL ONLY

37. ARE THE WELL, INTENDED WASTE STREAM, INJECTION INTERVAL(S) AND INJECTION ZONE:

A. COVERED BY AN APPROVED PETITION FOR AN EXEMPTION TO THE LAND DISPOSAL RESTRICTIONS IN ACCORDANCE WITH FEDERAL REGULATION 40 CFR PART 148? ☐ YES ☐ NO

IF YES, DATE OF PETITION APPROVAL: | **DATE OF CURRENT PETITION EXPIRATION:**

B. IF NO, SUMMARIZE STATUS OF YOUR PROCESS FOR OBTAINING PETITION EXEMPTION APPROVAL:

WELL / INJECTION ZONE DATA

38. **DATUM** (ALL REFERENCE DEPTHS ON THIS FORM MUST BE GIVEN IN KB) **KB ELEVATION** (FOR TYPE LOG): _____ FT. **GL ELEVATION** (AT PROPOSED LOCATION): _____ FT.

39. SERIAL NUMBER FOR REFERENCE TYPE LOG	40. TOTAL DRILLED DEPTH (FT) (subject well)	41. PLUG BACK TOTAL DEPTH (FT) (subject well)

42. INJECTION ZONE NAME(S) (Geologic Group, Formation, etc.)	TOP (FT)		BOTTOM (FT)	

43. **INJECTION INTERVAL(S) DEPTHS AND NAME(S)** (Formation and/or Local Name)

WELL CONSTRUCTION INFORMATION

This information in boxes 44-54 must match the information reported on Well Construction Diagram and the Work Prognosis.

CASING AND LINER RECORD

44. CASING SIZE (OD-INCHES)	45. HOLE SIZE (INCHES)	46. CASING WEIGHT (LB/FT)	47. CASING GRADE	48. CASING SETTING DEPTHS		49. TOTAL CEMENT USED (SACKS)	50. LEAD			51. TAIL		
				TOP (FEET)	BOTTOM (FEET)		AMOUNT (SACKS)	YIELD (CU FT/SACK)	TYPE (CLASS)	AMOUNT (SACKS)	YIELD (CU FT/SACK)	TYPE (CLASS)

52. COMPLETION TYPE	☐ PERFORATIONS ☐ OPEN HOLE ☐ SCREEN	TOP (FT):		BOTTOM (FT):	
53. TUBING	☐ STEEL ☐ OTHER :	SIZE (IN):		DEPTH SET (FT):	

54. PACKER	☐ PERMANENT ☐ COMPRESSION ☐ TENSION ☐ OTHER:	MAKE:	MODEL:	DEPTH SET (FT):

AUTHORIZED AGENT

55. AGENT OR CONTACT AUTHORIZED TO ACT FOR THE OPERATOR DURING PROCESSING OF THIS APPLICATION.

THE SIGNATURE OF THE OPERATOR CERTIFYING THIS APPLICATION WILL AUTHORIZE THIS AGENT OR CONTACT TO SUBMIT ADDITIONAL INFORMATION AS REQUESTED AND TO GIVE ORAL STATEMENTS IN SUPPORT OF THIS APPLICATION DURING THE APPLICATION REVIEW PROCESS. ANY CORRESPONDENCE (INCLUDING NOTICES OF DEFICIENCIES) GENERATED DURING THE REVIEW PROCESS OF THIS APPLICATION WILL BE SENT TO WHOMEVER IS LISTED IN THIS BOX. THE FINAL WRITTEN DECISION ON THIS APPLICATION WILL BE SENT TO THE OPERATOR NOTED IN BOX 3 OF THIS FORM.

NAME:

COMPANY:

MAILING ADDRESS:

TELEPHONE (WITH AREA CODE)**:**

EMAIL:

CERTIFICATIONS
(HAZARDOUS WASTE DISPOSERS ONLY)

56. FOR DISPOSERS OF SELF GENERATED HAZARDOUS WASTE, INCLUDE AS AN ATTACHMENT A CERTIFICATION AS REQUIRED BY STATEWIDE ORDER NO. 29-N-2 §205.D.4 (LAC 43:XVII.205.D.4) THAT:

A. THE GENERATOR OF THE HAZARDOUS WASTE HAS A PROGRAM TO REDUCE THE VOLUME OR QUANTITY AND TOXICITY OF SUCH WASTE TO THE DEGREE DETERMINED BY THE GENERATOR TO BE ECONOMICALLY PRACTICABLE, AND

B. INJECTION OF THE WASTE IS THAT PRACTICABLE METHOD OF DISPOSAL CURRENTLY AVAILABLE TO THE GENERATOR WHICH MINIMIZES THE PRESENT AND FUTURE THREAT TO HUMAN HEALTH AND THE ENVIRONMENT.

CERTIFICATION BY OPERATOR
(HAZARDOUS & NONHAZARDOUS WASTE DISPOSERS)

The signature below must be obtained from a duly appointed employee of the operating company.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment (La R.S. 30:17).

57. NAME (PRINT)	**58. TITLE (PRINT)**
59. SIGNATURE	**60. DATE**

Submit the following documents as an attachment to the Application Form:

A. Appropriate Application Fee;
B. Form MD-10-R-A-1 (conversions only);
C. Performance Bond or other assurance of financial responsibility;
D. Certified Location Plat for each well(s);
E. Adjacent Landowners Map and List. The map and list should indicate the following:
    i. Property boundaries of the disposal site;
    ii. Location of the disposal well(s);
    iii. General character of the surrounding area such as residential, industrial, undeveloped, etc.;
    iv. Boundaries and ownership of all land adjacent to the site; and
    v. Name and complete mailing address of each adjacent property owner. The Adjacent Landowners list should be indexed to the Adjacent Landowners map.
F. Responses to the Constitutional Considerations (see *Class 1 Permitting Process and Guidelines* document for expanded list of questions) ; and
G. Technical Report.

CONSTITUTIONAL CONSIDERATIONS

Louisiana Constitutional Article IX, § 1, of the Louisiana Constitution imposes a duty of environmental protection on all State agencies and officials which require a balancing process in which environmental costs and benefits must be given careful consideration along with economic, social and other factors. The balancing process was requiredof State agencies by Save Ourselves, Inc., et al. vs, the Louisiana Environmental Control Commission, et al. 452 So.2d 1152 (La. 1984), hereafter "SOS decision".

The "SOS decision" involved a hazardous waste permit under the State's Hazardous Waste Management Plan consistent with the federal Resource Conservation and Recovery Act ("RCRA"). To meet its obligation under the "SOS decision", the Department of Environmental Quality ("DEQ") prepared a list of questions which addresses what DEQ deemed necessary to make permit decisions. The questions touch upon certain issues and considerations which would be applicable to Office of Conservation permit decisions, although we are not administering a RCRA authorized program.

In order to satisfy the constitutional requirements, the Office of Conservation must conduct the 'balancing process' utilizing the information and data which will form part of the record supporting the decision on your application to permit or repermit your Class-I waste injection well(s). As the applicant for the waste injection well permit, it is incumbent upon you to provide such information as will be required to evaluate your application in lightof the "SOS decision". It is suggested that your staff review the court case to determine what information you believe needs to be provided.

You must furnish this Office with such information in adequate detail together with sufficient justification and supporting data to allow us to fulfill our constitutional obligation. Your furnishing of this information is above and beyond the requirements of Statewide Order Nos. 29-N-1 and 29-N-2. However, your permit application prepared pursuant to those Statewide Orders is not to be considered deficient because of these overriding constitutional requirements.

While the information required by the "SOS decision" need not be submitted concurrently with your Class-I waste injection well application, your prompt response to the "SOS decision" is in your best interest. If we cannot satisfactorily address our constitutional obligations we may be unable to grant your application.

The following list of questions are those prepared by DEQ and should be used as guidance when preparing a response to the "SOS decision":

1. Have the potential and real adverse environmental effects of the proposed project been avoided to the maximum extent possible?

2. Does a cost benefit analyses of the environmental impact costs versus the social and economic benefits of the proposed project demonstrate that the latter outweighs the former?

3. Are there alternative projects which would offer more protection to the environment than the proposed project without unduly curtailing nonenvironmental benefits?

4. Are there alternative sites which would offer more protection to the environment than the proposed site without unduly curtailing nonenvironmental benefits?

5. Are there mitigating measures which would offer more protection to the environment than the proposed project without unduly curtailing nonenvironmental benefits?

FORM UIC-1

PERMIT APPLICATION FOR

CLASS I NONHAZARDOUS WASTE INJECTION WELL
(Statewide Order No. 29-N-1; LAC 43:XVII, Subpart 1)

CLASS I HAZARDOUS WASTE INJECTION WELL
(Statewide Order No. 29-N-2; LAC 43:XVII, Subpart 2)

Applicants should consult with the Engineering Division staff prior to initiating an application for a Class I waste injection well to discuss the proposed project and review the requirements and information to be developed for the technical portion of the application. This information should be submitted in the form of a TECHNICAL REPORT.

A TECHNICAL REPORT for the proposed project must be submitted as an attachment to the application form and contain the information required by the appropriate set of regulations from either:

1. Statewide Order No. 29-N-1 (LA43:XVII, Subpart 1) for Class I Nonhazardous waste injection wells, or

2. Statewide Order No. 29-N-2 (LA43:XVII, Subpart 2) for Class I Hazardous waste injection wells.

The completed Application Form and TECHNICAL REPORT should be submitted to:

Mailing Address

Office of Permitting and Compliance
Engineering Division
617 North 3rd St., 9TH Floor
Baton Rouge, LA 70802

The Engineering Division staff may be reached by phoning 225-342-5515 or by email at Injection-Mining@LA.GOV.