UNDERGROUND STORAGE
TANK OPERATING PERMIT

Effective Date: February 28, 2016  Expiration Date: June 30, 2020  Issue Date: February 26, 2016

Facility Address: 1 Cyclotron Road
Number  Street
Berkeley, CA  94720
ZIP Code

Business Name: Lawrence Berkeley National Laboratory

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
<th>TELEPHONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner of Tank(s)</td>
<td>U.S. Department of Energy, Berkeley Site Office</td>
<td>(510) 495-2395</td>
</tr>
<tr>
<td>Tank Operator</td>
<td>Regents of the University of California, LBNL</td>
<td>(510) 486-7586</td>
</tr>
<tr>
<td>24-hr Emergency Contact</td>
<td>LBNL Fire Department Dispatch</td>
<td>(510) 486-6999</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
<th>TANK #5</th>
<th>TANK #6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank ID Number</td>
<td>TK-5-76</td>
<td>TK-6-76</td>
</tr>
<tr>
<td>Capacity (gallons)</td>
<td>10,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Substance Stored</td>
<td>Gasoline</td>
<td>Diesel</td>
</tr>
<tr>
<td>Tank Monitoring Method</td>
<td>Interstitial</td>
<td>Interstitial</td>
</tr>
<tr>
<td>Tank Construction/Material</td>
<td>DW/steel w/FRP</td>
<td>DW/steel w/FRP</td>
</tr>
<tr>
<td>Pipe Monitoring Method</td>
<td>Sump sensor</td>
<td>Sump sensor</td>
</tr>
<tr>
<td>Pipe Construction/Material</td>
<td>DW/Fiberglass</td>
<td>DW/Fiberglass</td>
</tr>
<tr>
<td>Written Monitoring Program (y/n)</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Cathodic Protection (y/n)</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Financial Responsibility Statement (y/n)</td>
<td>Exempt</td>
<td>Exempt</td>
</tr>
<tr>
<td>Emergency/Spill Response Plan (y/n)</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

NOTE: YOUR UST OPERATING PERMIT IS GRANTED SUBJECT TO COMPLIANCE WITH THE PERMIT CONDITIONS DESCRIBED ON THE REVERSE SIDE OF THIS PAGE.
UNDERGROUND STORAGE TANK OPERATING PERMIT CONDITIONS

In order to maintain this operating permit, the permit holder must comply with the following:

1. This permit is subject to all applicable requirements of Division 20, Chapter 6.7 and 6.75 of the California Health and Safety Code, and Title 23, Division 3, Chapters 16 and 18 of the California Code of Regulations.
2. This permit and permit conditions including the UST Monitoring Plan, Emergency Response Plan and plot plans shall be maintained at the facility.
3. The permit holder shall notify the Toxics Management Division 30 days prior to any changes in the use of any tank, including the substances stored, changes to the monitoring system, or changes of the owner or operator.
4. The owner/operator shall provide and comply with a written routine monitoring program and Emergency Response Plan established for this facility.
5. All equipment shall be properly maintained and kept in good operating condition at all times.
6. The permit holder shall comply with the state and federal financial responsibility requirements for underground storage tanks.
7. The permit holder shall pay an annual fee per tank as designated each year, and all applicable state surcharge fees.
8. The facility shall be inspected annually.
9. In the event of a spill, leak, or other unauthorized release, the permit holder shall notify the Toxics Management Division within 24 hours, and comply with the requirements of CCR Title 23, Chapter 16, Article 5, Sections 2650, 2651, and 2652, and the approved Emergency Response Plan.
10. If the tank operator is different from the tank owner, or if the Operating Permit is issued to a person other than the tank operator or owner, the permit holder shall ensure that both the tank owner and the operator receive a copy of this permit.
11. Written records of all monitoring performed shall be maintained at the facility by the operator and be available for inspection for a period of at least three years from the date the monitoring was performed.
12. The permit holder shall perform testing and preventative maintenance on all leak detection monitoring equipment annually, or more frequently if specified by the equipment manufacturer, and maintain records at the facility for a period of at least three years.
13. Operation of the underground storage tanks and related equipment shall be conducted in compliance with all applicable state UST requirements.

FAILURE TO COMPLY WITH ANY OF THE FOREGOING CONDITIONS MAY RESULT IN REVOCATION OF THIS PERMIT AND/OR ASSESSMENT OF PENALTIES.
# UNDERGROUND STORAGE TANK OPERATING PERMIT

**Effective Date:** February 28, 2016  
**Expiration Date:** June 30, 2020  
**Issue Date:** February 26, 2016

**Facility Address:**

<table>
<thead>
<tr>
<th>Address</th>
<th>City</th>
<th>State</th>
<th>ZIP Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Cyclotron Road</td>
<td>Berkeley</td>
<td>CA</td>
<td>94720</td>
</tr>
</tbody>
</table>

**Business Name:** Lawrence Berkeley National Laboratory

**TMD Approval, Signature:**

<table>
<thead>
<tr>
<th>Business Name</th>
<th>N/A</th>
<th>B.O.E. Storage Fee Account No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### NAME | ADDRESS | TELEPHONE
---|---------|---------
Owner of Tank(s) | U.S. Department of Energy, Berkeley Site Office | 1 Cyclotron Road, MS 90-1023, Berkeley, CA | (510) 495-2395 |
Tank Operator | Regents of the University of California, LBNL | 1 Cyclotron Road, MS 75B0101, Berkeley, CA | (510) 486-7586 |
24-hr Emergency Contact | LBNL Fire Department Dispatch | 1 Cyclotron Road, Berkeley, CA | (510) 486-6999 |

### REQUIREMENT | TANK #1 | TANK #2 | TANK #3 | TANK #4
---|-------|-------|-------|-------
Tank ID Number | TK-3-2 | TK-4-2 | TK-1-55 | TK-1-85 |
Capacity (gallons) | 4,000 | 1,000 | 1,000 | 2,500 |
Substance Stored | Diesel | Diesel | Diesel | Diesel |
Tank Monitoring Method | Interstitial | Interstitial | Interstitial | Interstitial |
Tank Construction/Material | DW/fiberglass | DW/fiberglass | DW/steel w/FRP | DW/fiberglass |
Pipe Monitoring Method | Sump sensor | Sump sensor | Sump sensor | Sump sensor |
Pipe Construction/Material | DW/Fiberglass | DW/Fiberglass | AG SW/galvanized steel | DW/Fiberglass |
Written Monitoring Program (y/n) | Yes | Yes | Yes | Yes |
Cathodic Protection (y/n) | No | No | No | No |
Financial Responsibility Statement (y/n) | Exempt | Exempt | Exempt | Exempt |
Emergency/Spill Response Plan (y/n) | Yes | Yes | Yes | Yes |

**NOTE:** YOUR UST OPERATING PERMIT IS GRANTED SUBJECT TO COMPLIANCE WITH THE PERMIT CONDITIONS DESCRIBED ON THE REVERSE SIDE OF THIS PAGE.
UNDERGROUND STORAGE TANK OPERATING PERMIT CONDITIONS

In order to maintain this operating permit, the permit holder must comply with the following:

1. This permit is subject to all applicable requirements of Division 20, Chapter 6.7 and 6.75 of the California Health and Safety Code, and Title 23, Division 3, Chapters 16 and 18 of the California Code of Regulations.
2. This permit and permit conditions including the UST Monitoring Plan, Emergency Response Plan and plot plans shall be maintained at the facility.
3. The permit holder shall notify the Toxics Management Division 30 days prior to any changes in the use of any tank, including the substances stored, changes to the monitoring system, or changes of the owner or operator.
4. The owner/operator shall provide and comply with a written routine monitoring program and Emergency Response Plan established for this facility.
5. All equipment shall be properly maintained and kept in good operating condition at all times.
6. The permit holder shall comply with the state and federal financial responsibility requirements for underground storage tanks.
7. The permit holder shall pay an annual fee per tank as designated each year, and all applicable state surcharge fees.
8. The facility shall be inspected annually.
9. In the event of a spill, leak, or other unauthorized release, the permit holder shall notify the Toxics Management Division within 24 hours, and comply with the requirements of CCR Title 23, Chapter 16, Article 5, Sections 2650, 2651, and 2652, and the approved Emergency Response Plan.
10. If the tank operator is different from the tank owner, or if the Operating Permit is issued to a person other than the tank operator or owner, the permit holder shall ensure that both the tank owner and the operator receive a copy of this permit.
11. Written records of all monitoring performed shall be maintained at the facility by the operator and be available for inspection for a period of at least three years from the date the monitoring was performed.
12. The permit holder shall perform testing and preventative maintenance on all leak detection monitoring equipment annually, or more frequently if specified by the equipment manufacturer, and maintain records at the facility for a period of at least three years.
13. Operation of the underground storage tanks and related equipment shall be conducted in compliance with all applicable state UST requirements.

FAILURE TO COMPLY WITH ANY OF THE FOREGOING CONDITIONS MAY RESULT IN REVOCATION OF THIS PERMIT AND/OR ASSESSMENT OF PENALTIES.