The State
of Wyoming

Jim Geringer, Governor

# Department of Environmental Quality

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

| ADMIN/OUTREACH | ABANDONED MINES | AIR QUALITY | INDUSTRIAL SITING | LAND QUALITY | SOLID & HAZ. WASTE | WATER QUALITY |
|---|---|---|---|---|---|---|
| (307) 777-7758 | (307) 777-6145 | (307) 777-7391 | (307) 777-7369 | (307) 777-7756 | (307) 777-7752 | (307) 777-7781 |
| FAX 777-3610 | FAX 777-6462 | FAX 777-5616 | FAX 777-6937 | FAX 777-5864 | FAX 777-5973 | FAX 777-5973 |


# MEMORANDUM

TO: Members, Wyoming Legislature & Other Interested Parties

FROM: Dennis Hemmer, Director
Wyoming Department of Environmental Quality

DATE: November 7, 2001

SUBJECT: **2001 Annual LAUST Remediation Program Report**

Pursuant to W.S. 35-11-1414(d), the attached 2001 Annual Leaking Aboveground and Underground Storage Tank (LAUST) Remediation Program Report is respectfully submitted for your review and information. This report summarizes environmental restoration expenditures for the Aboveground and Underground Storage Tank (AUST) Remediation Program during the current year ending in October 2001.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
LAUST REMEDIATION PROGRAM
122 WEST 25th STREET
HERSCHLER BUILDING - 4W
CHEYENNE, WY 82002

# 2001 ANNUAL LAUST REMEDIATION PROGRAM REPORT

November 7, 2001

Prepared by:

LeRoy Feusner, P.E., DEE
LAUST Remediation Program Engineering Supervisor

Robert Lucht, P.E., P.G.
AUST/UIC Program Principal

# SECTION A
## PROGRAM ADMINISTRATION

I. **General Overview**. As of October 2001, a total of 1,511 contaminated LAUST sites, which require some degree of active environmental remediation, existed in the state. For comparison, the number of contaminated sites requiring cleanup in December 1991, when the program was started, was 475. Of these 1,511 contaminated sites, 499 have been cleaned up by the department, which leaves the number of unresolved contaminated sites at 1,012. In December 2000, the number of unresolved contaminated sites was 1,083. During 2001, the number of unresolved contaminated sites has been reduced by 71.

Of the current 1,012 unresolved contaminated LAUST sites, the department has initiated during the past eleven years 31 major environmental restoration projects involving 371 contaminated sites and an equal number of affected third party properties which had become contaminated by these source sites. This leaves a balance of 641 contaminated sites for future remediation projects.

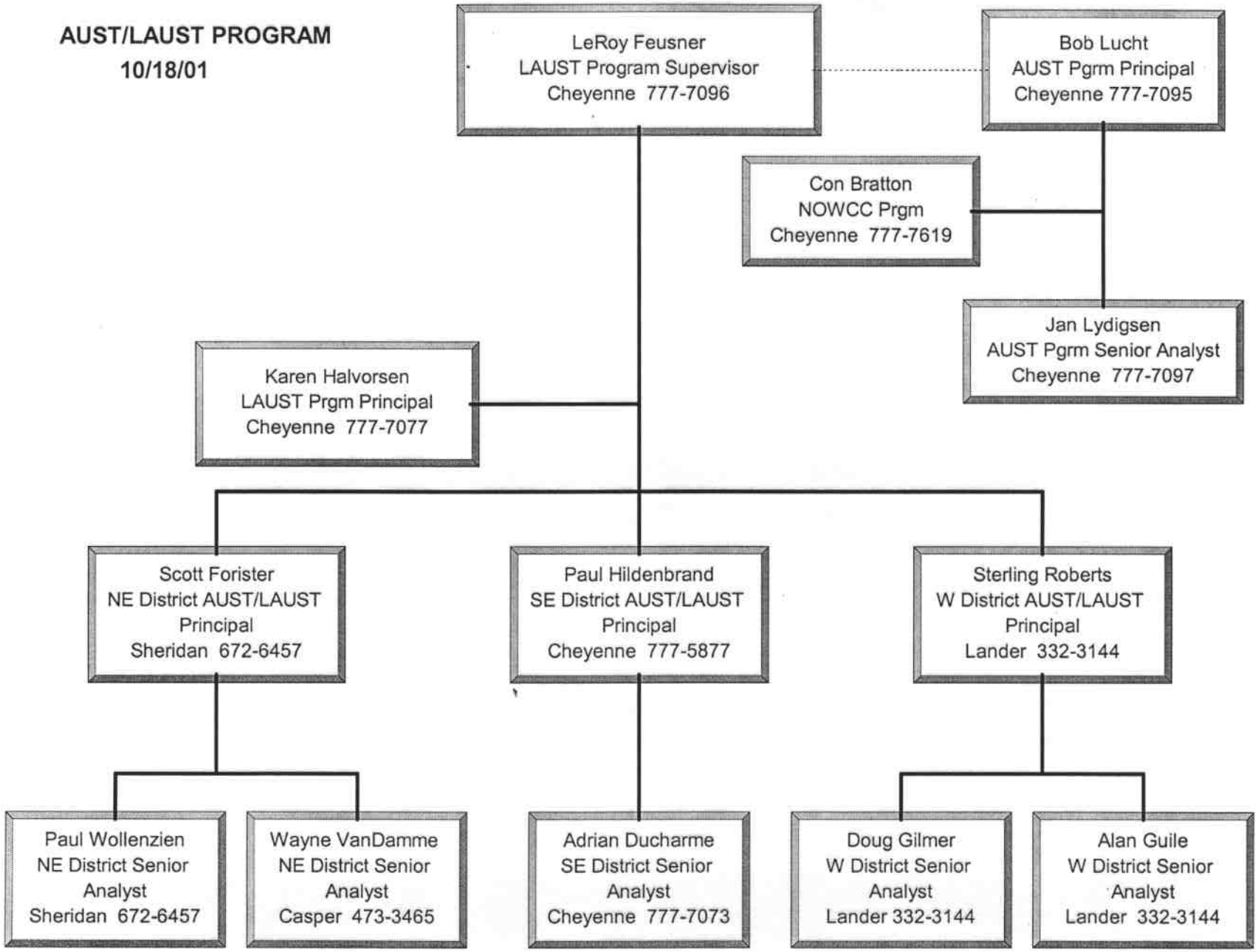
State statute requires the WDEQ to clean up the contamination caused by program eligible LAUST releases based on a priority ranking score which is based on (1) the degree of immediate adverse health exposure and/or safety hazards to people in nearby occupied buildings or to public utilities; (2) surface and ground water quality protection; (3) potential for LAUST contaminants to migrate; and, (4) ecological protection. The statute also provides that the department's financial obligations for remediation actions are limited to the funds available in the corrective action account. The department is rededicating eligible contaminated LAUST sites as funding in the corrective action account allows. Given the statutory limitation on the department's financial obligation for LAUST remediation, costs beyond the amounts held in the corrective action account have not, and will not, be incurred.

The financial responsibility account is intended to provide for financial assurance coverage required by federal law for the purpose of compensating third parties for a portion of damages caused by releases from program eligible LAUSTS. The statute provides that nothing in the Wyoming Environmental Quality Act shall be construed to authorize commitments to cover property or personal injury damages in excess of the available balance in the financial responsibility account. Since program inception, there have no claims against the financial responsibility account.

II. **UST/LUST Program Primacy Application to EPA**. A program primacy application package was prepared and submitted by the department to the EPA, Region VIII, Office in Denver, CO, in March 1999 with supplemental information provided to EPA in July 1999. The department continues to wait review of the State's application to EPA. If Wyoming is granted program primacy, citizens and tank owners/operators will not see any day-to-day changes; however, the state will receive full responsibility for program administration with a reduced federal oversight role. Since federal regulations for aboveground storage tank systems have not been established, program primacy will apply only to underground storage tanks.

III. **WDEQ AUST/LAUST Program Organization.** The WDEQ organizational charts on pages 2 and 3 indicate program/project management responsibilities for the AUST/LAUST program. The department would not be able to accomplish this ambitious state program without these dedicated professionals who manage and oversee both the leak prevention compliance program and environmental restoration project work within the specified district offices.

**AUST/LAUST PROGRAM**
**10/18/01**



**DISTRICT OFFICES**
**AUST/LAUST PROGRAM**
**WYDEQ/WQD**

October 18, 2001

**DISTRICT #2 - WEST**

Key Bank, 303 Main Street
250 Lincoln Street, Ste 200 (Mail)
Lander, Wyoming 82520
**(307) 332-3144**
Fax: (307) 332-3183/Key Bank

**Sterling Roberts**
Doug Gilmer
Alan Guile

**DISTRICT #1 - NORTHEAST**

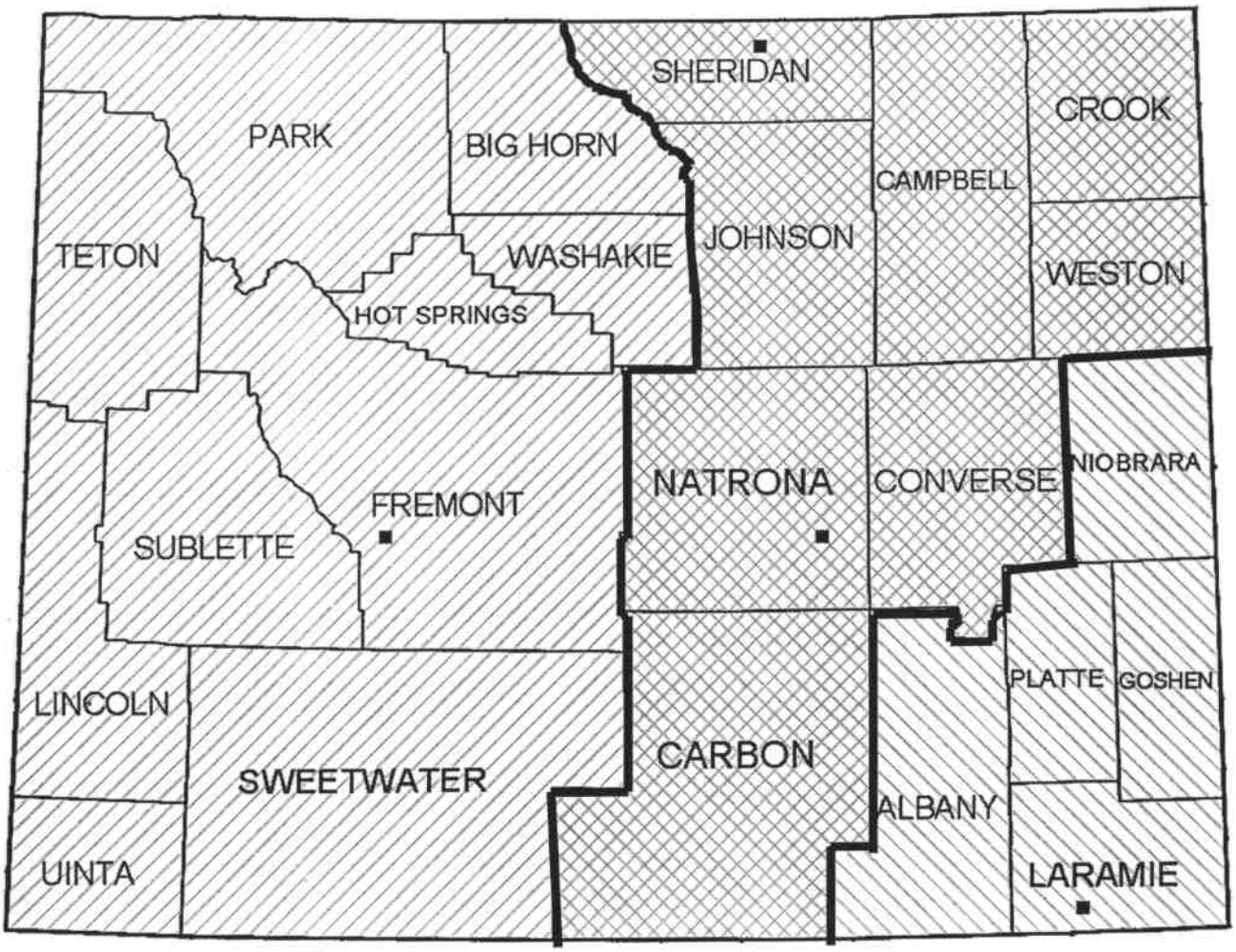
1043 Coffeen Avenue, Ste D
Sheridan, Wyoming 82801
**(307) 672-6457**
Fax: (307) 674-6050

**Scott Forister**
Paul Wollenzien

**and CENTRAL**

3030 Energy Lane, Suite 200
Casper, Wyoming 82604
**(307) 473-3465**
Fax: (307) 473-3458

Wayne VanDamme




**PROGRAM MANAGEMENT**

Herschler Building, 4W
122 West 25th Street
Cheyenne, Wyoming 82002

LAUST/REMEDIATION/CORRECTIVE ACTION/CONTRACTS
**LeRoy Feusner (307) 777-7096**
Karen Halvorsen (307) 777-7077

AUST/COMPLIANCE
**Bob Lucht (307) 777-7095**
Con Bratton (307) 777-7619
Jan Lydigsen (307) 777-7097

**DISTRICT #3 - SOUTHEAST**

Herschler Building, 4W
122 West 25th Street
Cheyenne, Wyoming 82002
Fax: (307) 777-5973

**Paul Hildenbrand (307) 777-5877**
Adrian Ducharme (307) 777-7073



LF/bb/24821B.DOC

# SECTION B
## PROGRAM STATISTICS

I. **State UST/LUST Database Information**. TABLE 1 summarizes major Underground Storage Tank (UST) statistics for the past seven years. The statistics represent **total** counts for *each* year. On average, a present day active facility typically consists of almost 1.8 (almost 2) active USTs in Wyoming.

### TABLE 1
### UST PROGRAM STATISTICS

| CATEGORY | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|---|---|---|---|---|---|---|---|
| USTs | 9,178 | 9,279 | 9,413 | 9,546 | 9,577 | 9,689 | 9720 |
| Permanently Closed | 6,426 | 6,727 | 6,904 | 7,441 | 7,488 | 7,604 | 7643 |
| Active USTs | 2,752 | 2,552 | 2,509 | 2,105 | 2,089 | 2,085 | 2077 |
| Total UST Facilities | 3,554 | 3,582 | 3,601 | 3,672 | 3,683 | 3,611 | 3720 |
| | | | | | | | |

Based on the above six year programmatic data, the following conclusions may be made:

✔Taking into account the present number of tanks and the number of USTs permanently closed, 78.6% of the USTs in Wyoming are no longer in use.

✔The number of active USTs have shown a 24.5% **decrease** over the past seven years, while the total number of facilities have shown an average 4.5% **increase** over the same period.

AUST/LAUST program financial and contaminated site information for the past seven years is presented in TABLE 2 on the next page.

## TABLE 2
## AUST/LAUST PROGRAM OPERATIONAL STATISTICS

| CATEGORY | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|---|---|---|---|---|---|---|
| Total LAUST Source Sites | 1,350 | 1,435 | 1,457 | 1,496 | 1,504 | 1,511 |
| Remediated Source Sites | 337 | 355 | 359 | 361 | 421 | 499 |
| Unresolved Source Sites | 1,013 | 1,080 | 1,098 | 1,135 | 1,083 | 1,012 |
| Sites in Remediation Projects+ | 166 | 188 | 209 | 259 | 292 | 371 |
| Remaining LAUST Project Sites | 847 | 892 | 889 | 876 | 791 | 641 |
| AUST Tank Fees Collected* | $572 | $523 | $505 | $564 | $511 | $441** |
| Contaminated Site Fees Collected* | $132 | $127 | $111 | $174 | $114 | $75# |
| | | | | | | |

* $1,000 dollars

** Tank fees collected as of 1 Nov 2001

\+ Does not include numerous third party site properties contaminated by the known LAUST source site(s) in current Remediation projects.

\# Collected contaminated site fees are less due to owner/operators completing the ten year payment period with suspension of further site payments until cleanup actions are initiated by the department.

The following conclusions may be made about the above five year data concerning contaminated LAUST sites:

✔The number of unresolved LAUST contaminated sites continues to decline since the program was started in 1991.

✔Cleanups completed during tank removal operations have been drastically reduced because the 1998 mandatory tank upgrade date has come and gone and because many fewer tanks are being replaced today. Also there is a reduced availability of acceptable contaminated soil disposal options when these few tanks are removed from the ground now. Removal, transport, and disposal of petroleum contaminated soils at department authorized solid waste landfill treatment areas has been the only state-wide option. If groundwater has not been extensively impacted by a LUST release at the time of tank removal and if the soil contamination is confined to the UST excavation, the department has experienced limited success in cleaning up some contaminated sites during tank removal operations. When this option is available, it has had a favorable impact on program costs for environmental restoration actions.

II. **AST/LAUST Database Information**. Aboveground storage tanks (AST) required by the Environmental Quality Act to be registered with the department and eligible for the state correction action program include those ASTs whose owners are dealers that sell, or offer to sell, gasoline or special fuels directly to the public. TABLE 3 summarizes the AST statistics.

**TABLE 3**
**AST PROGRAM STATISTICS**

| CATEGORY | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|---|---|---|---|---|---|---|---|
| Number of ASTs | 354 | 381 | 390 | 400 | 406 | 414 | 418 |
| Active ASTs | 347 | 342 | 325 | 300 | 286 | 288 | 289 |
| | | | | | | | |

## SECTION C
### LAUST Remediation ACTIVITIES

**I. LAUST Immediate Response Actions**. LAUST immediate response actions are taken by the department when imminent contamination of a water supply is threatened, or when complaints of high indoor petroleum vapors in homes, business establishments, or occupied confined spaces are received and an on-site evaluation confirms an imminent potential environmental health problem. These immediate response actions are taken to contain the subsurface plume, to determine the extent of any imminent health and/or safety hazards caused by the LAUST release, and to take whatever actions are necessary to stabilize the site. TABLE 4 indicates the projects and total costs associated with LAUST immediate response actions taken by the department during the past eleven years.

**II. LAUST Remediation Projects**. The goal of the LAUST remediation program is to accomplish subsurface investigations at known contaminated sites on a priority basis and to initiate full remediation actions following a remediation priority system for the worst sites first. To accomplish these tasks, the department currently has short-listed 26 contractors for the subsurface investigation work, 8 engineering design consultants to design environmental cleanup technologies, and 22 remediation system operation and maintenance firms to operate constructed remediation systems.

During 2001, 154 modified subsurface investigations were accomplished at lower priority (less than priority ranking scores of 400) contaminated LAUST source sites. The modified subsurface investigations consisted of drilling 3-4 permanent monitoring wells on the source sites, collecting soil and groundwater samples, and evaluating sampling results for compliance with program standards. Of these sites, 47% (71 sites) were determined to meet program soil and groundwater standards. No further environmental restoration are required for these sites. These site owner/operators were notified of the results, and the department's data base updated. During 2002, another goal of the program will be to accomplish modified subsurface investigations at an additional 58 lower priority ( prioritization numbers between 400 and 600) contaminated sites in the northeast and southeast districts to determine whether or not these sites continue to require active

environmental cleanup actions by the department, or if they are sufficiently cleaned up by natural attenuation such that only periodic monitoring of installed groundwater monitoring wells would be required to document attainment of cleanup standards through natural attenuation. Further, the program is also including modified subsurface investigations for lower priority contaminated sites within reasonable distance of new full remediation projects.

**All program remediation costs in the following tables include those costs associated with remediation of not only the source sites, but also all affected third party locations contaminated by the LAUST release site(s).**

## TABLE 4
## LAUST IMMEDIATE RESPONSE ACTIONS

| RESPONSE LOCATION | CONTRACT COST | SPENT TO DATE |
|---|---|---|
| Lusk (Trail Side Store) | $46,507 | $46,507 |
| Sheridan (5th & Main St) | $86,284 | $86,284 |
| Greybull (Miller's Garage) | $253,389 | $253,389 |
| Moorcroft (Coffee Cup) | $14,065 | $14,065 |
| Laramie (North, Pizza Hut) | $98,200 | $59,423 |
| Newcastle (Library) | $42,307 | $42,307 |
| Table Rock | $121,388 | $121,388 |
| Greybull AST (McIntosh Oil) | $64,538 | $64,538 |
| Kemmerer (Storm Drain) | $168,263 | $151,083 |
| Sheridan (Philtown) | $73,407 | $73,407 |
| Lyman | $16,918 | $16,918 |
| Gillette (Stonepile Creek) | $44,861 | $44,861 |
| Laramie (ACPE FCU) | $64,472 | $64,472 |
| Wind River (Crowheart Store) | $59,109 | $59,109 |
| Hulett (Ted's Service) | $14,835 | $14,835 |
| **TOTALS** | **$1,168,543** | **$1,112,586** |
| **AVERAGE COST/RESPONSE** | **$77,903** | |

LAUST remediation projects are completed in five phases; namely, (1) subsurface investigations to determine the extent both laterally and vertically of the contaminated in soil and groundwater, (2) engineering design of the remediation systems to complete the cleanup work, (3) construction and installation of the designed remediation technologies, (4) operation and maintenance of the constructed remediation corrective action systems until state soil and/or groundwater standards have been achieved, and (5) project closeout to remove and/or permanently seal subsurface remediation system components. One LAUST project averages about 12 contaminated sites along with all affected third party locations which may have been contaminated by the release. A typical project life is about 7 years from start to finish to complete the cleanup work. The longest of these phases is the operation and maintenance phase where cleanup systems are operated and maintained until satisfactory has been completed.

Remediation project cost data information are presented on the following pages. These program activities are summarized as follows:

- TABLE 5 summarizes LAUST subsurface investigation costs incurred to the program. These expenses do not include the two modified subsurface investigation contracts for 153 sites because these two projects were not complete subsurface investigations; rather, they were completed to determine whether or not these sites remain contaminated above program soil and/or groundwater standards.

- Remediation design project information is summarized in TABLE 6 below.

- TABLE 7 presents information concerning LAUST remediation engineering Phase II, System Construction and Design Engineer Construction Oversight Administration. The construction phase includes the costs associated with the purchase of the actual LAUST remediation equipment/enclosures, installation of that equipment, and costs for the Phase I design firm to oversee and represent the department during construction work.

- TABLE 8 tabulates the current annual LAUST remediation Operation & Maintenance costs for operating and maintaining constructed LAUST remediation treatment systems until acceptable WDEQ remediation standards have been achieved in soil and/or groundwater.

## TABLE 5
## LAUST SUBSURFACE INVESTIGATION ACTIONS

| PROJECT LOCATION | SITES | CONTRACT COST | SSI COST/SITE |
|---|---|---|---|
| Baggs | 3 | $53,691 | $17,897 |
| Buffalo | 18 | $143,393 | $7,966 |
| East Gillette | 22 | $157,146 | $7,143 |
| Glenrock/Douglas | 6 | $75,449 | $12,575 |
| Green River | 11 | $95,280 | $8,662 |
| Greybull/Basin | 17 | $128,978 | $7,587 |
| Jackson | 34 | $312,330 | $9,186 |
| Lyman/Mt. View | 21 | $204,823 | $9,753 |
| Newcastle | 2 | $94,855 | $47,428 |
| Opal | 3 | $42,069 | $14,023 |
| Pinedale | 6 | $129,123 | $21,521 |
| Rock Springs, N. Elk St. | 14 | $228,834 | $16,345 |
| Rock Springs, Pilot Butte | 20 | $266,837 | $13,342 |
| Sheridan | 11 | $86,284 | $7,844 |
| South Sheridan | 18 | $104,316 | $5,795 |
| Southwest Cheyenne | 21 | $121,675 | $5,794 |
| Sundance | 7 | $47,491 | $6,784 |
| Teton County | 6 | $174,940 | $29,157 |
| Tie Siding | 1 | $38,765 | $38,765 |
| Upper Platte Valley | 25 | $202,598 | $8,104 |
| West Casper | 35 | $150,480 | $4,299 |
| Weston County | 19 | $74,392 | $3,915 |
| Worland | 1 | $13,298 | $13,298 |
| **TOTAL** | **321** | **$2,947,047** | |
| **AVERAGE COST/SITE** | | **$9,181** | |

## TABLE 6
### LAUST REMEDIATION, PHASE I, ENGINEERING DESIGN PROJECTS

| PROJECT LOCATION | SITES | DESIGN COST | COST/SITE |
|---|---|---|---|
| Baggs | 3 | $100,010 | $33,337 |
| Buffalo | 19 | $284,222 | $14,959 |
| Casper Flying J | 1 | $79,131 | $79,131 |
| Ft. Bridger | 1 | $314,485 | $314,485 |
| Green River | 16 | $450,609 | $28,163 |
| Greybull/Basin | 19 | $487,829 | $25,675 |
| Hulett | 4 | $159,852 | $39,963 |
| Jackson | 20 | $816,672 | $40,834 |
| Laramie (Third St) | 32 | $917,740 | $28,679 |
| Lyman/Mt. View | 13 | $373,382 | $28,722 |
| Niobrara County | 4 | $261,396 | $65,349 |
| Opal | 2 | $247,134 | $123,567 |
| Pinedale | 13 | $932,992 | $71,769 |
| Powell | 20 | $784,896 | $39,245 |
| Riverton | 9 | $490,467 | $54,496 |
| Rock Springs (N. Elk St) | 16 | $542,511 | $33,907 |
| Sheridan | 40 | $1,350,524 | $33,763 |
| Southwest Cheyenne | 28 | $896,621 | $32,022 |
| Sundance | 7 | $329,327 | $47,047 |
| Table Rock | 1 | $204,825 | $204,825 |
| Teton County | 6 | $278,474 | $46,412 |
| Upper Platte Valley | 12 | $170,276 | $14,190 |
| West Casper | 23 | $644,689 | $28,030 |
| West Laramie | 6 | $684,756 | $114,126 |
| Worland | 14 | $499,939 | $35,710 |
| **TOTALS** | **329** | **$12,302,759** | |
| **AVERAGE COST/SITE** | | **$37,394** | |

## TABLE 7
## LAUST REMEDIATION SYSTEM CONSTRUCTION PROJECTS

| PROJECT LOCATION | SITES | SITES WITH NO SYSTEMS (MNA)* | CONSTRUCTION CONTRACT COSTS | | TOTAL COST |
|---|---|---|---|---|---|
| | | | CONSTRUCTION Prime & Equipment | ENGINEER Oversight | |
| Buffalo | 3 | 14 | $561,279 | $273,968 | $835,247 |
| Casper Flying J | 1 | 0 | $189,206 | $68,725 | $257,931 |
| Green River | 7 | 1 | $569,322 | $674,869 | $1,244,191 |
| Greybull/Basin | 17 | 2 | $1,886,458 | $807,257 | $2,693,715 |
| Jackson | 9 | 10 | $1,263,004 | $941,735 | $2,204,739 |
| Laramie, Third Street | 25 | 3 | $2,810,750 | $838,941 | $3,649,691 |
| Niobrara County | 1 | 1 | $139,833 | $284,548 | $424,381 |
| Opal | 1 | 1 | $675,526 | $323,005 | $998,531 |
| Pinedale | 13 | 0 | $2,928,538 | $901,622 | $3,830,160 |
| Powell I & II | 14 | 1 | $1,804,054 | $847,645 | $2,651,699 |
| Riverton | 7 | 4 | $1,490,474 | $345,059 | $1,835,533 |
| Rock Springs, Elk St | 13 | 3 | $2,136,798 | $636,859 | $2,773,657 |
| Sheridan | 5 | 17 | $1,385,926 | $313,274 | $1,699,200 |
| Sundance | 2 | 1 | $936,195 | $298,786 | $1,234,981 |
| SW Cheyenne | 15 | 6 | $1,446,173 | $745,004 | $2,191,177 |
| West Laramie | 5 | 1 | $1,755,156 | $897,789 | $2,652,945 |
| Worland | 5 | 5 | $2,300,127 | $500,430 | $2,800,557 |
| **TOTALS** | **143** | **70** | **$21,896,451** | **$8,655,726** | **$30,552,177** |
| **Average Cost per Site** | | | **$153,122** | **$60,530** | **$213,652** |

* Monitored Natural Attenuation. A form of active environmental remediation that requires periodic soil and/or groundwater monitoring to confirm when state standards have been achieved.

## TABLE 8
## ANNUAL LAUST REMEDIATION OPERATION & MAINTENANCE PROJECTS COSTS

| PROJECT LOCATION | SITES | MNA SITES | AVERAGE ANNUAL O & M COSTS | | | | | ANNUAL O&M COST |
|---|---|---|---|---|---|---|---|---|
| | | | Contract | Engineer | Electrical | Fuel | Other* | |
| Buffalo | 3 | 14 | $72,520 | $68,800 | $180 | $0 | $0 | $141,500 |
| Casper Flying J | 1 | 0 | $23,110 | $22,821 | $7,526 | $49 | $0 | $53,506 |
| Green River | 7 | 1 | $109,671 | $80,201 | $30,001 | $0 | $3,339 | $223,211 |
| Greybull/Basin | 17 | 2 | $86,879 | $64,268 | $41,290 | $7 | $254 | $192,698 |
| Jackson | 9 | 10 | $214,300 | $150,000 | $4,506 | $0 | $0 | $368,806 |
| Laramie Third St. | 25 | 3 | $279,104 | $125,988 | $78,383 | $6,604 | $0 | $490,078 |
| Niobrara County | 1 | 1 | $27,392 | $53,984 | $2,712 | $0 | $170 | $84,258 |
| Opal | 1 | 1 | $29,535 | $33,660 | $21,164 | $0 | $0 | $84,359 |
| Pinedale | 13 | 0 | $101,583 | $103,346 | $44,969 | $24,649 | $4,483 | $279,030 |
| Powell I & II | 14 | 1 | $88,968 | $100,610 | $58,657 | $486 | $3,916 | $252,638 |
| Riverton | 7 | 4 | $53,229 | $28,122 | $37,005 | $0 | $3,509 | $121,866 |
| Rock Springs, N. Elk | 13 | 3 | $195,958 | $103,652 | $28,571 | $0 | $1 | $328,182 |
| Sheridan | 5 | 17 | $103,880 | $106,500 | $11,517 | $0 | $0 | $221,897 |
| Sundance | 2 | 1 | $33,521 | $28,947 | $15,024 | $160 | $1,482 | $79,134 |
| SW Cheyenne | 15 | 6 | $179,164 | $356,587 | $61,950 | $0 | $0 | $597,701 |
| West Laramie | 5 | 1 | $86,681 | $91,420 | $37,972 | $1,906 | $5,197 | $223,175 |
| Worland | 5 | 5 | $71,179 | $48,458 | $27,185 | $5,325 | $1,677 | $153,824 |
| **TOTALS** | **143** | **70** | **$1,756,673** | **$1,567,362** | **$508,611** | **$39,185** | **$24,028** | **$3,895,860** |
| **Average Annual Cost per 213 Sites for O&M Projects** | 143 | 70 | $8,247 | $7,359 | $3,557 | $274 | $168 | $18,290 |
| **Average Annual Cost for 17 O&M Projects** | 17 | | $103,334 | $92,198 | $29,918 | $2,305 | $1,413 | $229,168 |

* Includes additional costs for water/sewer connections and/or telephone lines for data transmission.

**III. State Revolving Loan (SRF) Account Activities.** The SRF program has prepared an Intended Use Plan (IUP) for accomplishing LAUST subsurface investigations, LAUST remediation actions, and municipal wastewater treatment system improvement projects in Wyoming for calendar year 2001. This document was the subject of the public hearing process, and is being implemented in accordance with the quarterly schedule identified in the IUP.

TABLES 9 and 10 present a summary of the various LAUST/SRF fund cumulative balances, as of 6 November 2001.

**TABLE 9**
**LAUST PROGRAM SRF FUND BALANCES**

| FUNDING SOURCE | ACCOUNT BALANCE |
|---|---|
| State Corrective Action Account | $7,343,436 |
| State Financial Responsibility Account | $1,000,000 |
| State Revolving Loan Fund (SRF) | $4,950,971 |
| Available for Remediation LAUST Projects | $12,294,407 |
| Available for LAUST Third Party Damages | $1,000,000 |

Table 10 summarizes the total activity of the SRF funding account since it was initiated.

**TABLE 10**
**LAUST PROGRAM SRF ACCOUNT ACTIVITY**

| ACTIVITY | AMOUNT |
|---|---|
| Loan Authority Available to LAUST Program | $68,213,325 |
| Loan Authority Encumbered to LAUST Projects | $8,710,648 |
| Loan Amounts Disbursed to LAUST Projects | $54,098,846 |
| Total Loan Amounts to LAUST Projects | $62,809,494 |
| SRF Loans Paid | $53,615,374 |
| SRF Loans Payable | $483,472 |

# SECTION D
## MAJOR PROGRAM ACCOMPLISHMENTS FOR 2001

**I. Summary.** The department's LAUST remediation program has been actively cleaning up contaminated sites since 1993. During each year, the program has initiated aggressive environmental restoration actions at the highest priority sites within each district office using resources available to the program. Although the reporting and/or discovery of new sites has decreased dramatically except for a few rare instances of releases on un-contaminated sites, work in this program will continue for years. Cleanup on the remaining sites is projected to require at least an additional twenty-five years with current resources. The major accomplishments for 2001 include:

- Wyoming owners/operators achieved 100% compliance with the 1998 upgrade requirements. While there were a few instances uncovered last year of facilities which lacked one or more upgrades, no additional facilities were found this year.

- The compliance program now has a computer tracking system. We can now track every required test for every tank for more than a year. Using this system, operators are being notified before the test is due in order to give them time to have the test done before it becomes past due. We have achieved a very high level of compliance with the rules, 91% for operational compliance with leak detection requirements and 97% for all other requirements. Efforts are being made to bring operational requirements with leak detection up to at least 95%.

- Compliance inspections are being focused on facilities with known non-compliance issues as shown by our file reviews, facilities which have recently changed hands, and facilities where there are regulatory issues which cannot be resolved without an inspection. A few inspections are done on a random basis for facilities which have no known problem, but most are focused on large throughput stations. Using this criteria, there were 96 inspections conducted this calendar year, including 82 in the last federal fiscal year and 14 conducted since that period ended.

- Continuing aggressive environmental remediation project management for 2002 includes continuation of 31 active LAUST cleanup projects (371 contaminated sites with an estimated equal number of affected third party locations), initiation of 3 major new cleanup projects involving another 72 contaminated sites and affected third party locations, and two more modified subsurface investigation projects for the northeast district office (29 sites) and southeast district office (53 sites).

- Initial public meetings have been held on the subject of revising Chapter 17, Underground Storage Tanks, Wyoming Water Quality Rules and Regulations. Revisions will include comprehensive modifications to the underground storage tank rules to reflect the passing of the December 22, 1998 tank upgrade deadline, technical issue updates to the environmental restoration standards in Appendix A, and new leak prevention rules and regulations for above ground storage tanks.

- Continual efforts by the department to obtain program primacy from EPA to manage both the AUST leak prevention and LAUST environmental remediation programs without direct federal oversight.

LCF/mad/12915-doc