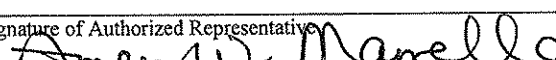


APPLICATION FOR FEDERAL ASSISTANCE

		2. DATE SUBMITTED	Applicant Identifier LUST Recovery Act FY 2009-2010	
1. TYPE OF SUBMISSION: Application	Pre-application	3. DATE RECEIVED BY STATE	State Application Identifier	
<input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction	<input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction	4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier	
5. APPLICANT INFORMATION				
Legal Name: State of Connecticut		Organizational Unit: Bureau of Materials Mgt. & Compliance Assurance Department: Site Assessment & Support Unit		
Organizational DUNS: 108352811		Division: Emergency Response & Spill Prevention Division		
Address: Department of Environmental Protection		Name and telephone number of person to be contacted on matters involving this application (give area code)		
Street: 79 Elm Street		Prefix: Mr.	First Name: Peter	
City: Hartford		Middle Name:		
County: Hartford		Last Name: Zack		
State: CT	Zip Code: 06106-5127	Suffix:		
Country: USA		Email: peter.zack@ct.gov		
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 06-6000798		Phone Number (give area code) 860-424-3337	Fax Number (give area code) 860-424-4061	
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) (See back of form for description of letters.) <input type="checkbox"/> <input type="checkbox"/> Other (specify)		7. TYPE OF APPLICANT: (See back of form for Application Types) A Other (specify)		
10 CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 66-805 TITLE (Name of Program): Underground Storage Tank Trust Fund		9. NAME OF FEDERAL AGENCY: U.S. EPA Region 1		
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc): State of Connecticut		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: LUST Recovery Act FY 2009-2010		
13. PROPOSED PROJECT Start Date: 6/1/09		14. CONGRESSIONAL DISTRICTS OF: a. Applicant Statewide		
Ending Date: 9/30/2011		b. Project Statewide		
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?		
a. Federal	\$2,280,000	a. Yes <input type="checkbox"/> THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON		
b. Applicant	\$0	DATE:		
c. State	\$0	b. No <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372		
d. Local	\$0	<input checked="" type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW		
e. Other	\$0	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?		
f. Program Income	\$0	<input type="checkbox"/> Yes If "Yes" attach an explanation. <input checked="" type="checkbox"/> No		
g. TOTAL	\$2,280,000	18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.		
a. Authorized Representative				
Prefix	First Name: Amey	Middle Name		
Last Name: Marrella		Suffix		
b. Title: Acting Commissioner		c. Telephone Number (give area code) 860-424-3009		
d. Signature of Authorized Representative 		e. Date Signed 7/7/09		

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INSTRUCTIONS FOR THE SF-424

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	
1. LUST Recovery Act FFY 2009-2010	66.805	\$	\$	\$2,280,000	\$0	\$ 2,280,000
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$ 0.00	\$ 0.00	\$2,280,000	\$0	\$ 2,280,000

SECTION B - BUDGET CATEGORIES

Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
a. Personnel 80%	200,000				200,000
b. Fringe Benefits 60%	120,000				120,000
c. Travel	12,000				12,000
d. Equipment	16,000				16,000
e. Supplies	6,000				6,000
f. Contractual	1,920,000				1,920,000
g. Construction					0
h. Other	6,000				6,000
i. Total Direct Charges (sum of 6a-6h)	2,280,000			0.00	2,280,000
j. Indirect Charges					0
k. TOTALS (sum of 6i and 6j)	2,280,000			0.00	2,280,000
7. Program Income	\$	\$	\$	\$	\$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	\$	\$	\$	\$ 0
9.				0
10.				0
11.				0
12. TOTALS (sum of lines 8 - 11)	\$	\$ 0	\$ 0	\$ 0

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 2,280,000	\$ 2,280,000	\$ 0	\$ 0	\$ 0
14. Non-Federal	0	2,280,000	0	0	0
15. TOTALS (sum of lines 13 and 14)	\$ 2,280,000	\$ 2,280,000	\$ 0	\$ 0	\$ 0

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (Years)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. LUST Recovery Act FY 2009-2010	\$ 2,280,000	\$ 0	\$ 0	\$ 0
17.				
18.				
19.				
20. TOTALS (sum of lines 16 - 19)	\$ 2,280,000	\$ 0	\$ 0	\$ 0

SECTION F - OTHER BUDGET INFORMATION

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

21. Direct Charges: 39.26%	22. Indirect Charges: 0
----------------------------	-------------------------

23. Remarks:

LUST RECOVERY ACT ASSISTANCE AGREEMENT WORK PLAN NARRATIVE

Connecticut DEP
Site Assessment and Support (SAS) Unit
And
Leaking Underground Storage Tank (LUST) Program

June 16, 2009

A. AGENCY OVERVIEW

The responsibility for response, enforcement and remediation of leaking underground storage tanks is spread across several sections of the Agency.

1. Bureau of Materials Management and Compliance Assurance
Emergency Response and Spill Prevention Division
 - Emergency Response Unit
 - Site Assessment and Support Unit (has responsibility for the Leaking Underground Storage Tank Trust Program)
 - Storage Tank and PCB Enforcement Unit
2. Bureau of Water Protection and Land Reuse
Remediation Division
 - Remediation Districts
 - Underground Storage Tank Clean-Up Account Program
3. Bureau of Financial and Support Services
Financial Management Division
 - Environmental Cleanup Cost Recovery Program

B. INTRODUCTION

This Work Plan has been prepared specifically for the Leaking Underground Storage Tank Trust Fund component of the American Recovery and Reinvestment Act of 2009. The objective of this project is to use the allocated federal funds to a) investigate and remediate leaking underground storage tank sites where the owner is unknown, unwilling or unable to perform the work and, b) stimulate the economy. This will be accomplished by hiring State-approved contractors to clean-up contaminated LUST sites. The benefits will be the reduction or elimination of environmental contamination which, in some cases, presents as an obstacle to site redevelopment. It is expected that this project will also decrease the backlog of unremediated releases, as reported to EPA.

C. PROJECT MANAGEMENT

Depending upon the site-specific circumstances, pre-cleanup environmental site assessments will be conducted by either SAS Unit staff or State contractors. The SAS Unit organization chart is included as Attachment A of the work plan. The Unit has in-house capabilities to perform expedited site assessments with the unit's personnel and equipment. The unit will utilize two agency owned Geoprobe units and mobile laboratory to assess sites and thus reduce costs.

The SAS Unit / LUST Program will contract most or all of the cleanup work under the DEP Remediation Contract. A lesser amount may be contracted under the Spill Cleanup Contract. Per EPA guidance, cost recovery of the expended funds will be attempted. Cost recovery actions are initiated by the DEP Cost Recovery Program and/or the Office of the Attorney General.

Some aspects of the project management duties may be contracted out or they may be performed by SAS Unit / LUST Program staff. Regardless, throughout the project, staff will be involved in site evaluations, selection, inspections, file/database reviews, planning, contracting, contractor oversight, post-remedial sampling and reporting. Work performed by Agency staff will be within the parameters set forth in the LUST Program Quality Assurance Project Plan (QAPP). Additionally, field work at each site will be based upon a site-specific, written Work Plan and Site Safety Plan.

D. SITE EVALUATION

Four lists of potential candidate sites have been developed. Table 1 is a list of recent DEP Storage Tank Enforcement Unit (STEU) inspections indicating bare steel tank abandonment at former gas stations (all tanks are empty). Some owners have allowed staff access to perform subsurface investigation work and others have not. Table 2 is a DEP LUST Program list of releases to be remediated. All the sites have confirmed releases and are impacted with gasoline or heating fuel pure products. Tables 3 and 4 (not included in this work plan) contain an additional 44 sites with a total of 77 tanks. File reviews are currently being conducted to determine which of these sites, if any, may be added to Table 2 or be referred for enforcement consideration. The CT Office of Brownfield Remediation and Development (OBRD) has been consulted. All site lists may be revised, as new information becomes available. The sites will be evaluated and ranked using the attached flowchart (section G.). Sites ranked "A" will receive the highest priority for cleanup, followed by "B" and then "C".

Table 1 - Abandoned Bare Steel UST Facilities, Violation of Section 22a-449(d)-110

Address	Town	Facility Name	Facility ID	# USTs	Petroleum	Comments
3054 Main Street	Hartford	TDP Automotive	Not Registered	3	Gasoline	<ul style="list-style-type: none"> • Tenant- auto repair • Subsurface investigation-confirmed release • Recent purchase • Owner- unable
672 Dixwell Avenue	New Haven	Former Phillips Service Station	93-06062	5	Gasoline & Waste Oil	<ul style="list-style-type: none"> • No current tenant • Owner- Pitts Baptist Chapel • Subsurface investigation-confirmed release • Owner- unable • Community improvement initiative
293 Goodrich Street	Hamden	Former Collins Gas Station	62-05509	6	Gasoline	<ul style="list-style-type: none"> • No current tenant • On-going subsurface investigation • Owner- unable
1124 Blue Hills Avenue	Bloomfield	Former Roberts Gas Station	Not Registered	1	Gasoline	<ul style="list-style-type: none"> • Past owner in contempt- no further action by court • Past subsurface investigation- confirmed release • Current owner not providing access • Current owner- unwilling • Foreclosure property
961 Stratford Avenue	Bridgeport	Former Sepko Gas Station	15-03549	2	Gasoline	<ul style="list-style-type: none"> • No current tenant • Site inspected • Unable to contact owner • Owner- unknown
2370 Stratford Avenue	Stratford	Wade Service	Not Registered	2	Gasoline	<ul style="list-style-type: none"> • Tenant- auto repair • Site inspected • Current owner not providing access • Owner- unwilling and unable

Table 1 (cont.)

Address	Town	Facility Name	Facility ID	# USTs	Petroleum	Comments
20 Windsor Avenue	Windsor	Windsor Automotive	164-03937	4	Gasoline & Waste Oil	<ul style="list-style-type: none"> • Current enforcement by Atty. General • Tenant- auto sales • Site inspected • Owner not providing access • Owner- unwilling
534 Hazard Avenue	Enfield	Former Marquis Texaco	49-00651	4	Motor Fuel & Waste Oil	<ul style="list-style-type: none"> • No current tenant • Site inspected • Unable to contact owner • Owner- unknown
896 Thompsonville Road	Suffield	Rydingswa rd Property	Not Registered	5	Motor fuel	<ul style="list-style-type: none"> • Current owner in contempt- no further action by court • Past subsurface investigation- confirmed release • Site inspected • No current tenant • Unable to contact owner • Owner- unwilling
1029 Storrs Road	Mansfield	Land & Local Treasures	Not Registered	8	Unknown	<ul style="list-style-type: none"> • Tenant- retail sales • Site inspected • Owner not providing access • Owner- unwilling

Sites Identified = 10

USTs in ground = 40

Table 2 - LUST Remediation Sites, Violation of Section 22a-449(d)-106

Address	Town	Facility Name	Spill #	Facility ID	Petroleum	Environmental Impact
680 - 690 East Main Street	Waterbury	HJ Carroll Co.	2002-05260	151-03438	Heating fuel	<ul style="list-style-type: none"> • Pure product • soil and groundwater • Owner- unwilling
666 East Main Street	Waterbury	Renner Rental Property	2002-05260	Not Registered	Gasoline	<ul style="list-style-type: none"> • Pure product • soil and groundwater • Owner- unwilling
685 Highland Avenue	Waterbury	Former Picarelli Gas Station	2006-04992	151-02975	Gasoline	<ul style="list-style-type: none"> • Pure product • soil and groundwater • Owner- unwilling
142 Main Street	Terryville	Mayfair Garage	2007-03288	111-12360	Gasoline	<ul style="list-style-type: none"> • Pure product • soil and groundwater • Owner- unwilling • current remediation by DEP

Sites Identified = 4.

E. TIMEFRAME FOR CLEANUPS

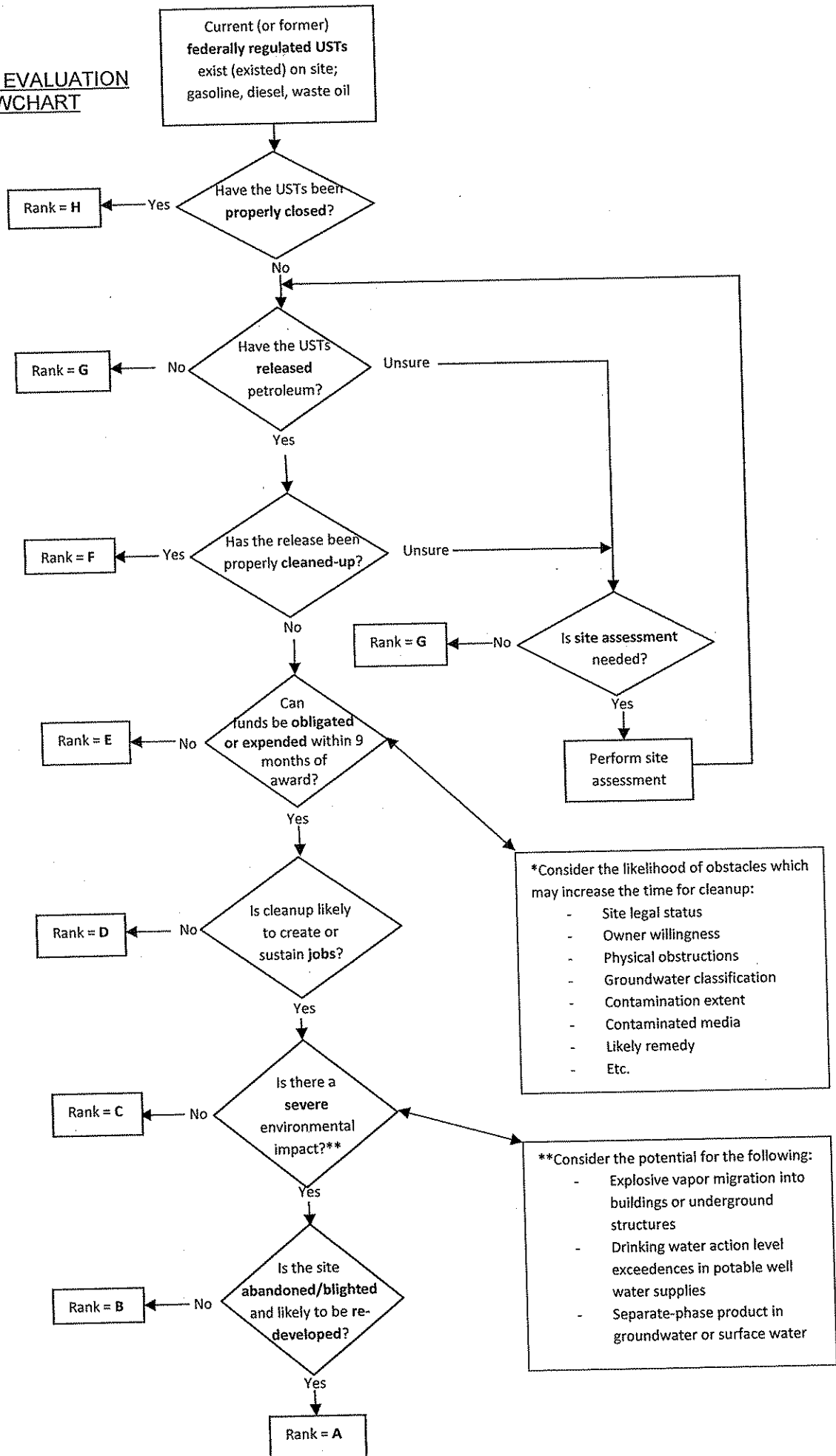
Given the short timeframe for use of the funds (35% to be obligated and 15% expended within nine months of the award), the bulk of the cleanup work is likely to entail activities that can be completed relatively quickly, such as tank removals and soil excavation. Tanks will be selected for removal consistent with EPA OUST guidance. Engineered remediation systems, such as vapor extraction, air sparging and long-term groundwater extraction, are relatively time consuming to design, build, operate and maintain, and will be avoided to the extent possible.

F. SCHEDULE

Proposed Date (subject to change)	Action
February 10, 2009	Make initial contact with DECD and DEP Remediation Division about project. – Completed -
February 27, 2009	Begin field inspections of "Potential Candidate Sites". – Completed -
March 19, 2009	Begin preparation of Requests for Qualifications (RFQ). – Completed -
March 19, 2009	Begin ranking "Potential Candidate Sites". – Completed -
March 19, 2009	Begin considering logistical challenges for cleanup of sites evaluated as "A", "B", and "C". Re-evaluate, re-rank and eliminate sites, as necessary. – Completed -
March 18, 2009	Begin preparation for pre-cleanup environmental site assessments at top-ranked sites (utility mark outs, coordination with owners, preparation of Site Safety Plans and Site Work Plans, etc.). – Completed -
March 27, 2009	Begin site assessments. – Completed -
July, 2009	Send out RFQs.
August, 2009	Select contractor(s).
September, 2009	Begin cleanups (and tank removals, if applicable).

G.

**SITE EVALUATION
FLOWCHART**



H. REPORTING

Information and data will be reported per the EPA guidelines.

I. COST ESTIMATES

Contractual

<u>Activity</u>	<u>Number of Sites X Average Cost/site</u>	<u>Total</u>
Site Assessments	30 x \$4,000	\$120,000
Tank Removal/Closure Assessment	20 x \$10,000	\$200,000
Remedial Actions (Includes soil excavation, transportation and disposal, separate-phase product removal and other technologies)	20 X \$80,000	\$1,600,000

CT DEP Project Management

Equivalent of two FTE'S for 1-2 years
Environmental Analyst 2
and Compliance Specialist
(perform site assessments
and project management)

Personnel	\$200,000	
Fringe Benefits 60%	\$120,000	
Travel (2 vehicles)	\$12,000	
Equipment	\$16,000	
Supplies	\$6,000	
Other	\$6,000	
		<u>\$360,000</u>
	TOTAL COST	\$2,280,000

BUDGET DETAIL

C. TRAVEL Two agency assigned motor pool vehicles for site assessment and remediation at LUST sites.	\$12,000
D. EQUIPMENT (Over \$5,000) (Instruments for testing soil ground water)	\$16,000
E. CONTRACTUAL (Core levels) (See work plan narrative for breakdown)	\$1,920,000
F. SUPPLIES Office Supplies Laboratory Supplies Field Investigation Supplies Geoprobe Supplies	\$16,000
G. OTHER Postage, printing and reproduction. General repairs and equipment maintenance	\$6,000